J-TUTES

BE SMARTER
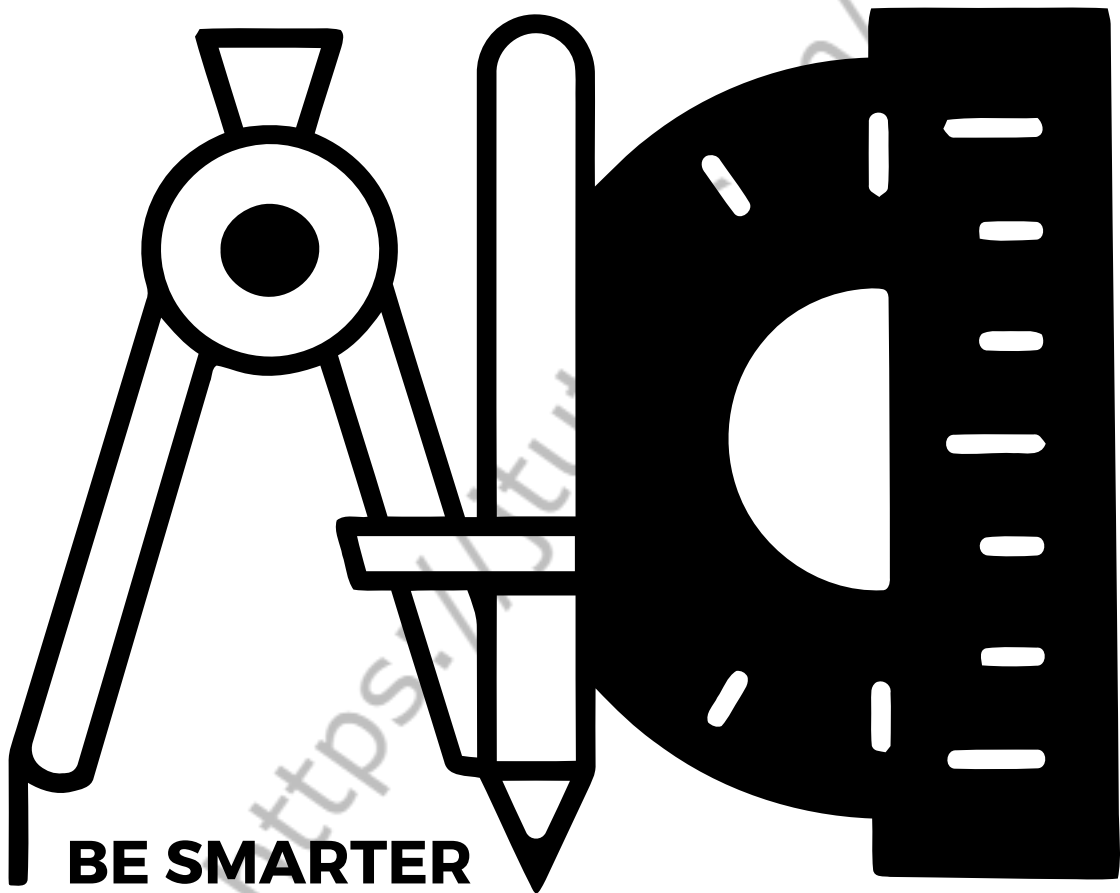
YEAR 2 WORKBOOK

TERM 4 SYLLABUS
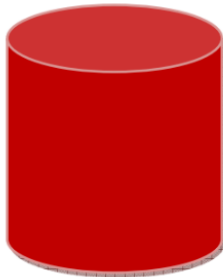
CHAPTER 1 - 3D-SHAPES

CHAPTER 1 - 3D-SHAPES

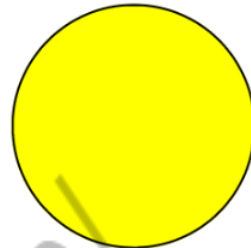## Identify 2D or 3D Shape

Circle the correct choice:

1)

2D Shape / 3D Shape

2)

2D Shape / 3D Shape

3)

2D Shape / 3D Shape

4)

2D Shape / 3D Shape

5)

2D Shape / 3D Shape

6)

2D Shape / 3D Shape

7)

2D Shape / 3D Shape

8)

2D Shape / 3D Shape

CHAPTER 1 - 3D-SHAPES

Identify 2D or 3D Shape

Circle the correct choice:

1)

2D Shape / 3D Shape
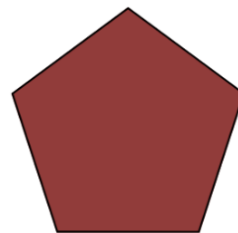
2)

2D Shape / 3D Shape
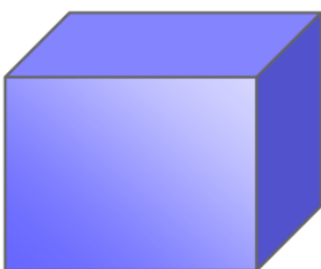
3)

2D Shape / 3D Shape

4)

2D Shape / 3D Shape

5)

2D Shape / 3D Shape

6)

2D Shape / 3D Shape

7)

2D Shape / 3D Shape

8)

2D Shape / 3D Shape

CHAPTER 1 - 3D-SHAPES

Identify 2D or 3D Shape

Circle the correct choice:

1)

2D Shape / 3D Shape

2)

2D Shape / 3D Shape

3)

2D Shape / 3D Shape

4)

2D Shape / 3D Shape

5)

2D Shape / 3D Shape

6)

2D Shape / 3D Shape
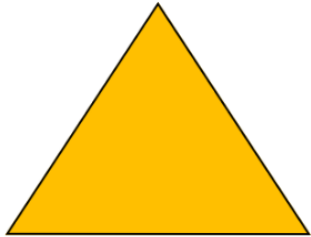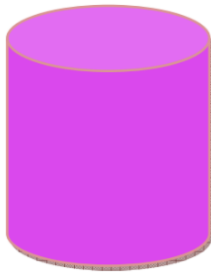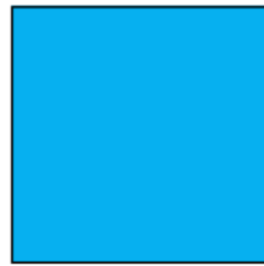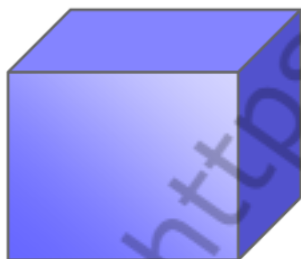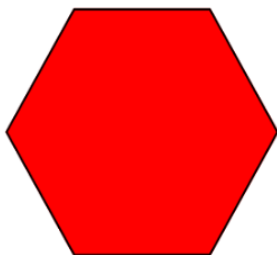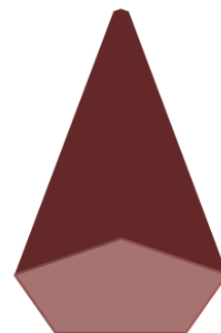
7)

2D Shape / 3D Shape

8)

2D Shape / 3D Shape
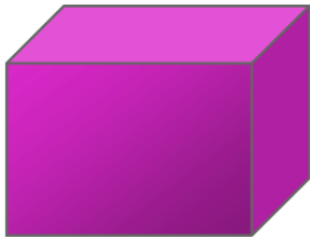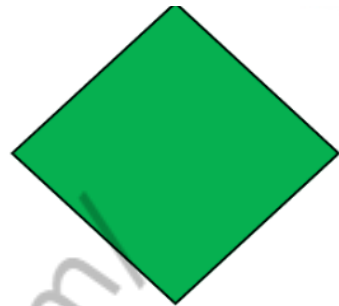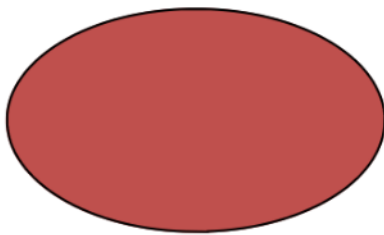
CHAPTER 1 - 3D-SHAPES

Matching Shapes

Match each 2D Shape to the related 3D shape.

CHAPTER 1 - 3D-SHAPES

Matching Shapes

Match each 2D Shape to the related 3D shape.

CHAPTER 1 - 3D-SHAPES

What kind of shape is this?	What kind of shape is this?
☐ parallelogram ☐ cube ☐ rectangular prism	☐ square ☐ cone ☐ triangular pyramid
What kind of shape is this?	What kind of shape is this?
☐ hexagon ☐ triangular pyramid ☐ rectangular prism	☐ triangular pyramid ☐ hexagon ☐ cylinder
What kind of shape is this?	What kind of shape is this?
☐ triangular pyramid ☐ cube ☐ circle	☐ cone ☐ triangular prism ☐ cylinder

CHAPTER 1 - 3D-SHAPES
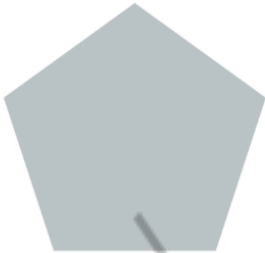
What kind of shape is this?	What kind of shape is this?
☐ triangular prism ☐ triangle ☐ pentagon	☐ pentagon ☐ cylinder ☐ trangular pyramid
What kind of shape is this?	What kind of shape is this?
☐ cone ☐ rectangle ☐ triangle	☐ rectangle ☐ circle ☐ pentagon
What kind of shape is this?	What kind of shape is this?
☐ cylinder ☐ circle ☐ parallelogram	☐ parallelogram ☐ hexagon ☐ rectangle

CHAPTER 1 - 3D-SHAPES

What kind of shape is this?	What kind of shape is this?
☐ cube ☐ rectangular prism ☐ pentagon	☐ triangle ☐ pentagon ☐ parallelogram
What kind of shape is this?	What kind of shape is this?
☐ cone ☐ hexagon ☐ cube	☐ circle ☐ triangular prism ☐ parallelogram
What kind of shape is this?	What kind of shape is this?
☐ pentagon ☐ parallelogram ☐ rectangular prism	☐ triangular pyramid ☐ parallelogram ☐ rectangle

CHAPTER 1 - 3D-SHAPES
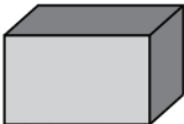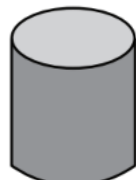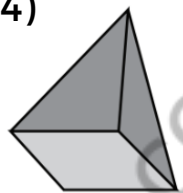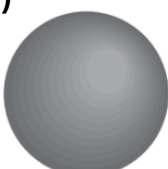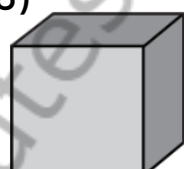
What kind of shape is this?	**What kind of shape is this?**
☐ square ☐ triangle ☐ pentagon	☐ triangular pyramid ☐ pentagon ☐ cube
What kind of shape is this?	**What kind of shape is this?**
☐ rectangular prism ☐ pentagon ☐ rectangle	☐ cylinder ☐ triangle ☐ cone
What kind of shape is this?	**What kind of shape is this?**
☐ triangle ☐ rectangle ☐ cube	☐ hexagon ☐ rectangle ☐ cube
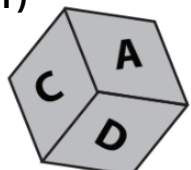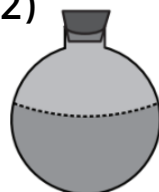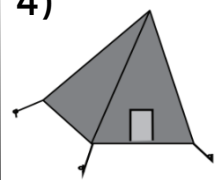
CHAPTER 1 - 3D-SHAPES

Name of Solid Shapes

A) Choose the correct name of each shape.

1)
☐ rectangular prism
☐ cone
☐ cylinder

2)
☐ sphere
☐ cylinder
☐ cube

3)
☐ cube
☐ pyramid
☐ cone

4)
☐ pyramid
☐ cube
☐ rectangular prism

5)
☐ sphere
☐ cylinder
☐ cone

6)
☐ cone
☐ cube
☐ sphere

B) Choose the correct choice that best describes each object.
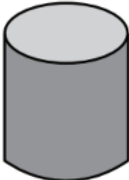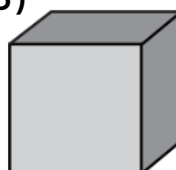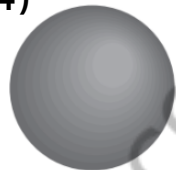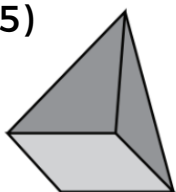
1)
☐ cone
☐ cylinder
☐ cube

2)
☐ cylinder
☐ sphere
☐ cone

3)
☐ rectangular prism
☐ cube
☐ pyramid

4)
☐ cone
☐ pyramid
☐ rectangular prism

5)
☐ cube
☐ sphere
☐ cone

6)
☐ cylinder
☐ sphere
☐ cone
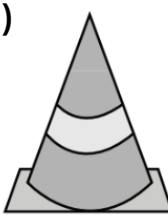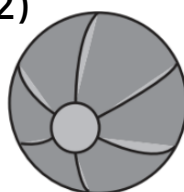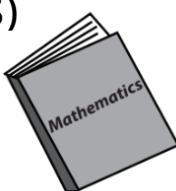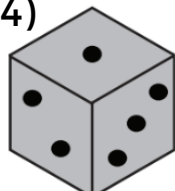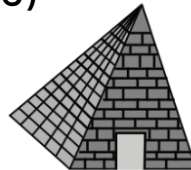
CHAPTER 1 - 3D-SHAPES

Name of Solid Shapes

A) Choose the correct name of each shape.

1) ☐ rectangular prism ☐ cone ☐ cylinder	2) ☐ sphere ☐ pyramid ☐ cone
3) ☐ cube ☐ rectangular prism ☐ cylinder	4) ☐ cylinder ☐ sphere ☐ cube
5) ☐ rectangular prism ☐ cylinder ☐ pyramid	6) ☐ cone ☐ cube ☐ rectangular prism
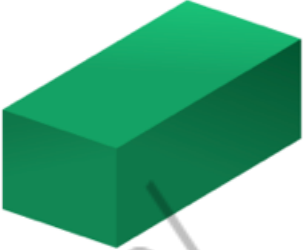
B) Choose the correct choice that best describes each object.

1) ☐ pyramid ☐ cylinder ☐ cone	2) ☐ cylinder ☐ sphere ☐ cube
3) ☐ rectangular prism ☐ cube ☐ pyramid	4) ☐ cone ☐ cube ☐ rectangular prism
5) ☐ cylinder ☐ sphere ☐ cone	6) ☐ pyramid ☐ rectangular prism ☐ cone

CHAPTER 2 - COUNTING SHAPES SIDES

CHAPTER 2 - COUNTING SHAPES SIDES

Count Edges, Vertices and Faces

How many vertices does this object have?	How many vertices does this object have?
☐ 5 ☐ 8 ☐ 4 ☐ 6	☐ 11 ☐ 6 ☐ 5 ☐ 8
How many vertices does this object have?	**How many vertices does this object have?**
☐ 11 ☐ 7 ☐ 8 ☐ 6	☐ 3 ☐ 4 ☐ 2 ☐ 7
How many faces does this object have?	**How many faces does this object have?**
☐ 7 ☐ 6 ☐ 5 ☐ 3	☐ 3 ☐ 7 ☐ 5 ☐ 2

CHAPTER 2 - COUNTING SHAPES SIDES

Count Edges, Vertices and Faces

How many faces does this object have?	How many faces does this object have?
☐ 3 ☐ 6 ☐ 1 ☐ 4	☐ 3 ☐ 8 ☐ 5 ☐ 4
How many edges does this object have?	How many edges does this object have?
☐ 13 ☐ 11 ☐ 14 ☐ 12	☐ 8 ☐ 9 ☐ 11 ☐ 12

CHAPTER 2 - COUNTING SHAPES SIDES

Compare Sides and Corners

Which shape has more corners?	Which shape has more sides?
☐ ☐	☐ ☐
Which shape has more corners?	Which shape has more sides?
☐ ☐	☐ ☐
Which shape has more sides?	Which shape has more corners?
☐ ☐	☐ ☐

CHAPTER 2 - COUNTING SHAPES SIDES

Compare Sides and Corners

Which shape has more sides? △ ⬢ ☐　　☐	Which shape has more sides? △ ▱ ☐　　☐
Which shape has more corners? △ ⬢ ☐　　☐	Which shape has more sides? ⬛ △ ☐　　☐
Which shape has fewer sides? ◆ ◣ ☐　　☐	Which shape has fewer corners? ⬛ ⬠ ☐　　☐

CHAPTER 2 - COUNTING SHAPES SIDES

Compare Sides and Corners

Which shape has fewer corners?

☐   ☐

Which shape has fewer sides?

☐   ☐

Which shape has fewer sides?

☐   ☐
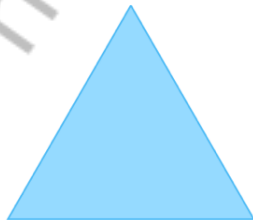
CHAPTER 3 - TALLY MARKS
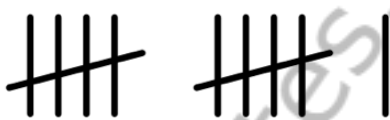
CHAPTER 3 - TALLY MARKS

Count the tally marks. Write the value of each set.

a. _____ ||||| ||||| ||||| ||||| ||||| |

b. _____ ||||| |||

c. _____ ||||| ||||| ||||| |||||

d. _____ ||||| |||||||

Draw tally marks to represent each number.

e. 18 _____

f. 9 _____

g. 23 _____

h. 15 _____

CHAPTER 3 - TALLY MARKS

Pet Store Tally

Jose's pet store sells mice, birds, frogs, and fish.
The tally chart shows how many of each kind were sold.
Use the information from the tally chart to answer the questions.

Pet	Tally Marks
Mice	|||| |||| ||
Bird	|||| |||
Frog	|||| |||| ||||
Fish	|||| |||| |||| ||||	

1) How many birds were sold? _____

2) Which pet sold the most? _____

3) How many pet sold in all? _____

4) How many more fish were sold
   than frogs? _____

5) Which type of pet sold 12 times? _____

CHAPTER 3 - TALLY MARKS

Bug Tally
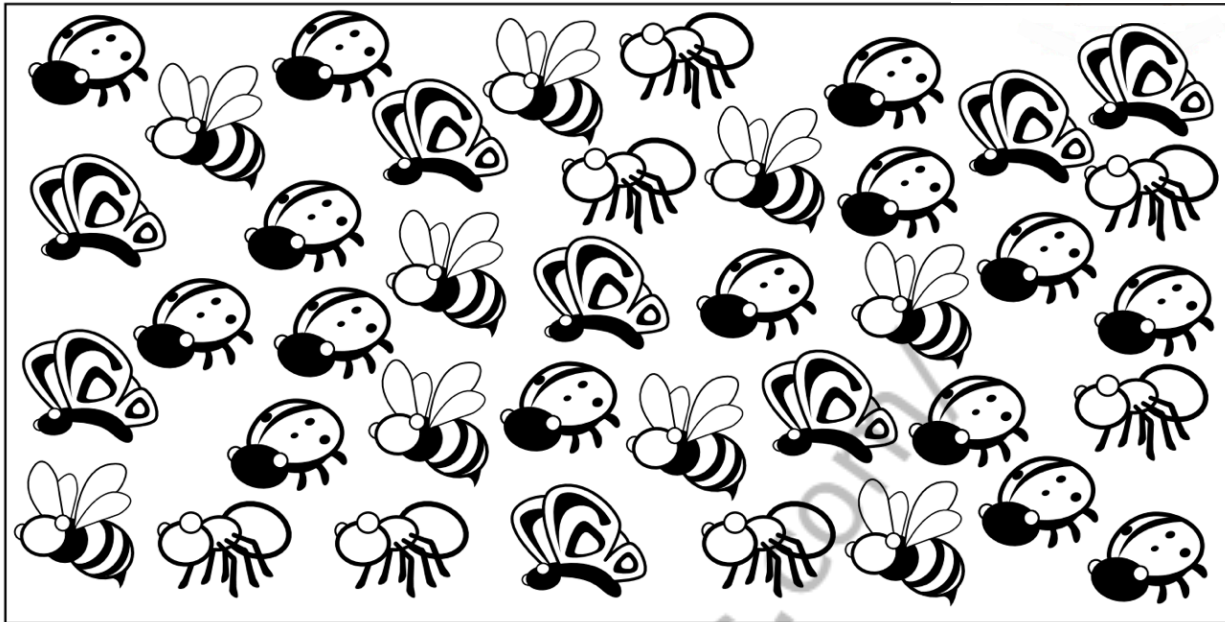
Count the bugs. As you count, cross off each bug in the picture and add a tally mark to the chart. When you're done, write the total number of each bug.

Fruit	Tally Marks	Total
Ladybug		
Butterfly		
Ant		
Bee		

CHAPTER 3 - TALLY MARKS

Tally the Birds
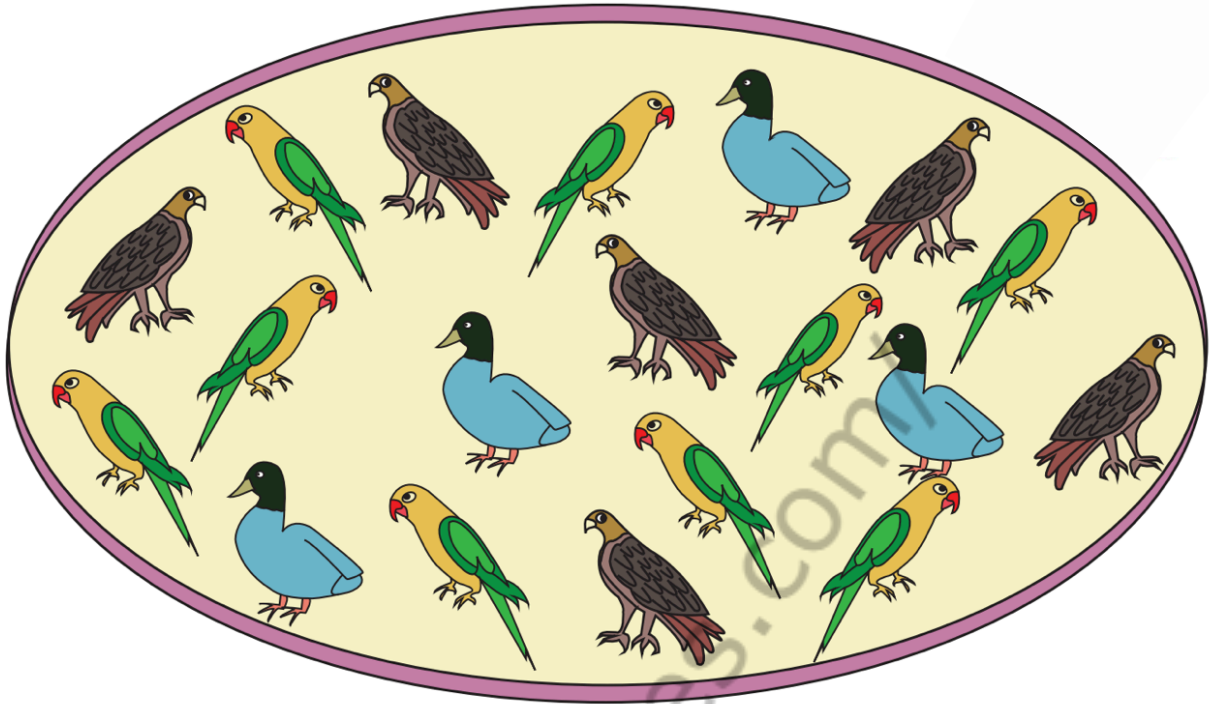
Count the birds and draw tally marks to show the count.

Birds	Tally Marks

CHAPTER 3 - TALLY MARKS

Tally the Ice-creams
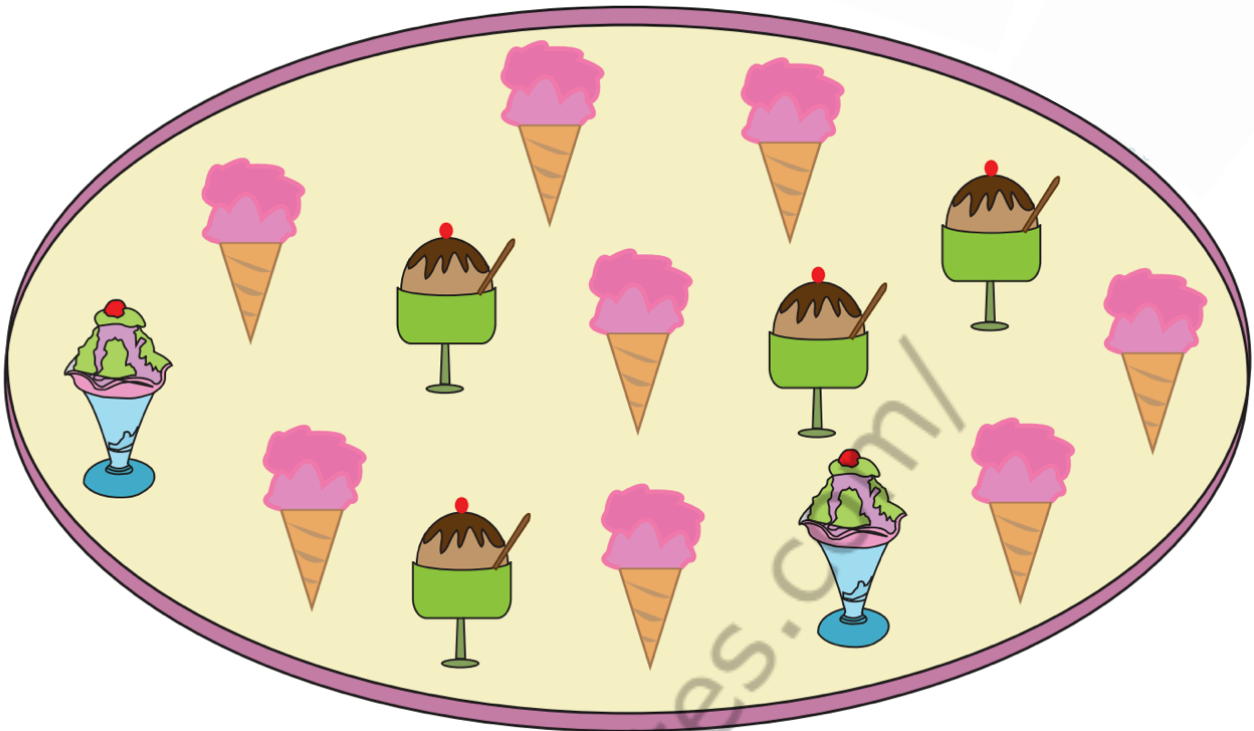
Count the ice-creams and draw tally marks to show the count.

Ice-creams	Tally Marks

CHAPTER 3 - TALLY MARKS

Tally - Bakery

Kayla and her friends bought some donuts, cupcakes and breads. Draw tally marks to show the number of items in each kind and answer the questions.

Bakery Items	Tally Marks
Bread	
Donut	
Cupcake	

1) Which item is the fewest in number? _____

2) How many more donuts did they buy than cupcakes? _____

3) Which item counts more than 8? _____

4) How many items are there in all? _____

CHAPTER 3 - TALLY MARKS

Tally - Pond Animals

Draw tally marks to show the number of pond animals in each kind and answer the questions.
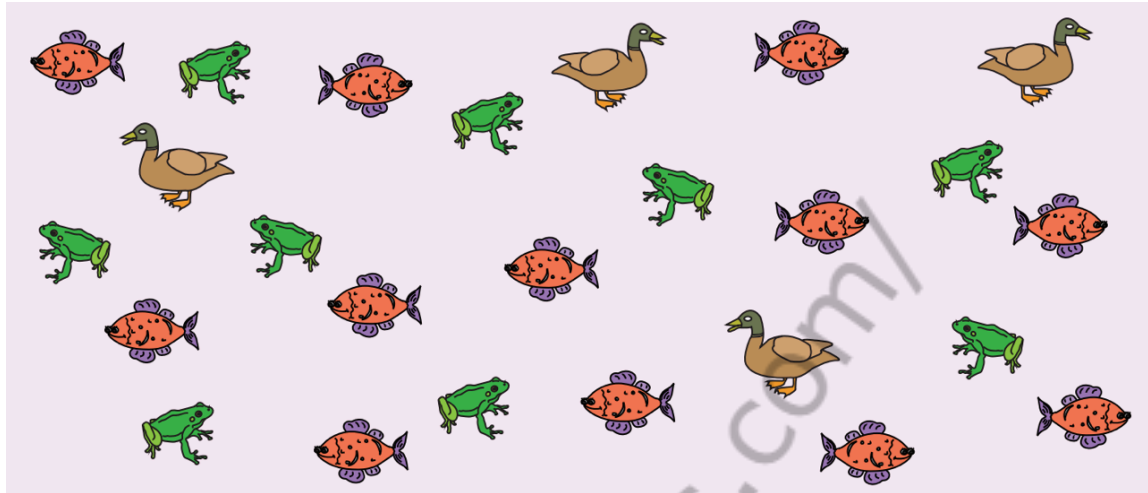
Pond Animals	Tally Marks
Fish	
Duck	
Frog	

1) How many more fish than ducks? _____

2) Which kind is the most in number? _____

3) How many fewer ducks than frogs? _____

4) How many pond animals are there? _____

CHAPTER 3 - TALLY MARKS

Weekend Sale

Lisa is a small-time entrepreneur; she sells burger, pizza, hot dog and fried chicken. The tally chart shows how many of each kind were sold during the weekends. Use the information from the tally chart to answer the questions.

Food Items	Tally Marks
Burger	卌 卌 卌 I
Pizza	卌 卌 卌 卌 IIII
Fried Chicken	卌 卌 II
Hot Dog	卌 III

1) How many burgers were sold? _____

2) Which item was sold the most? _____

3) How many more fried chickens were sold than hot dogs? _____

4) Which item was sold the least? _____

5) How many items were sold in all? _____
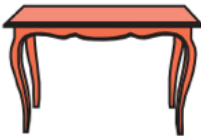
CHAPTER 3 - TALLY MARKS

Furniture Showroom

James visited furniture showroom and saw a tally chart with the information about availability of different kinds of furniture. Answer the questions using tally chart.

Furniture	Tally Marks
Sofa	卌 IIII
Chair	卌 卌 卌 II
Cot	卌 I
Table	卌 卌 IIII

1) How many sofas are there? _____

2) How many cots are there? _____

3) How many more chairs are there than tables? _____

4) Which kind is the most available furniture? _____
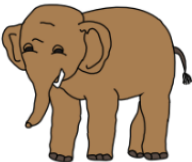
5) How many furniture are there in total? _____

CHAPTER 3 - TALLY MARKS

Trip to Zoo

Mrs. Maria's class went on a field trip to the zoo. She asked the kids to vote for their favorite animal and recorded the results in a tally chart. Use the tally chart to answer the questions.

Animals	Tally Marks
Tiger	ЖЖ ЖЖ ЖЖ
Giraffe	ЖЖ II
Elephant	ЖЖ II
Deer	ЖЖ ЖЖ I

1) Which animal was favorite for 11 kids? _____

2) How many more kids voted for tigers than deers? _____

3) Were there animals with equal votes? If yes, name the animals. _____

4) Which animal was most popular? _____

5) How many kids voted in all? _____

CHAPTER 4 - CALENDAR

CHAPTER 4 - CALENDAR

Reading a Calendar

Use the calendar to answer the questions.

		JANUARY				
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1) How many days are in January?   _____

2) What day of the week is January 17?   _____

3) What day of the week is January 29?   _____

4) How many Mondays are in January?   _____

5) How many Wednesdays are in January?   _____

CHAPTER 4 - CALENDAR

Reading a Calendar

Use the calendar to answer the questions.

	JANUARY					
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

	FEBRUARY					
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

	MARCH					
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

	APRIL					
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

	MAY					
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

	JUNE					
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

	JULY					
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

	AUGUST					
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

	SEPTEMBER					
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

	OCTOBER					
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

	NOVEMBER					
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

	DECEMBER					
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1) How many months are in a year? _____

2) Which month comes after March? _____

3) Which month comes before February? _____

4) Which month comes between June and August? _____

5) How many days are in June? _____

6) How many months have 31 days? _____

CHAPTER 4 - CALENDAR

Reading a Calendar

Use the calendar to answer the questions.

JANUARY						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

APRIL						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

JULY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1) Are there more months with exactly 30 days or 31 days?

_____

2) Mark's birthday is on March 24. His party is exactly two weeks later. What is the data of his party?

_____

3) What day of the week does New Year Day fall?

_____

4) Mother's Day falls on the second Sunday in May. What is the date of Mother's Day?

_____

CHAPTER 4 - CALENDAR

Using a Calendar

Use the calendar to answer the questions.

			OCTOBER			
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	(19)	20	21	22
23/30	24/31	25	26	27	28	29

1) How many Mondays are on the October calendar shown in the picture above?   _____

2) How many weekend days are there on the October calendar above?   _____

3) How many weekdays are there on the calendar?   _____

4) Columbus Day is celebrated on the second Monday in October. What is the date of Columbus Day?   _____

5) Mary circled her birthday on the calendar. Her birthday party is four days later. On what date is her party?   _____

6) Travis has a birthday exactly two weeks before Mary's. When was Travis's birthday?   _____

CHAPTER 4 - CALENDAR

Calendars

Answer each question below. Use a calendar if you don't know the answer.

1) How many months are in a year?   _____

2) How many days are in a week?   _____

3) How many days are in April?   _____

4) This year, what day of the week does
   December 30th fall on?   _____

5) What is the seventh month of the year?   _____

6) Write the date that is six days after
   February 5th.   _____

7) What month comes right before
   November?   _____

8) Write the date that falls five days
   before October 2nd.   _____

9) Write the date that is fifteen days after
   May 25.   _____

10) Greg's birthday is the day after Halloween.
    What is the date of his birthday?   _____

11) Which holiday comes first each year:
    St. Patrick's Day or Valentines Day?   _____

12) How many days are in this year?   _____

CHAPTER 4 - CALENDAR

Elapsed Time on a Calendar

Use the calendars to answer the questions.

1) St. Patrick's Day is on March 17. Amanda was born exactly two weeks after St. Patrick's Day. When is her birthday? _____

2) Today is February 2. In one week and four days Mr's Wong's class will be going on a field trip to the science museum. What is the date of their field trip? _____

3) How many days are there between Valentine's Day (February 14) and St. Patrick's Day (March 17)? _____

4) Baby Elizabeth was born on April 3. On what date will she be three weeks old? _____

5) Dr. Jaurez left for vacation on April 8th. He returned home on April 19th. How many days was he gone? _____

FEBRUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

MARCH

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

CHAPTER 4 - CALENDAR

Reading Calendar

January 2016
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2016
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March 2016
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2016
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2016
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2016
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 2016
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August 2016
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2016
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2016
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2016
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2016
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) How many months are in a year? _____

2) How many weeks does this year have? _____

3) Which month comes after June? _____

4) Which is the 8th month? _____

5) How many days are in the month of November? _____

CHAPTER 4 - CALENDAR

Reading Calendar

January 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2016

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2016

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2016

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) Mother's Day and Father's Day are celebrated on the second Sunday of May and on the third Sunday of June respectively. When is Mother's Day and Father's Day celebrated?

_____

2) Independence Day is on the first Monday, July. How many days after Father's Day is the Independence Day?

_____

3) Name the months which start on a Friday.

_____

4) If the previous month was October and the next month is December, which month is this?

_____

5) Today is March 22. What is the date two months and three weeks from today?

_____

CHAPTER 4 - CALENDAR

Reading Calendar

January 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2016

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2016

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2016

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) How many months have five Thursday in this year?

_____

2) Ann has to finish writing a book in 6 months. If this is February month, which month would she finish the book?

_____

3) Roy plans to finish the construction of a house in six months. If he finishes the construction in August, when did he start to construct the house?

_____

4) How many months in this year have no public holidays?

_____

5) How many public holidays falls on a Monday? Mention them.

_____

CHAPTER 4 - CALENDAR

Reading Calendar

January 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2016

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2016

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2016

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) Name the first five months. _____

2) Write the name of the months that come after September. _____

3) Veteran's Day is celebrated in the 11th month. Name the month. _____

4) How many months have 30 days in this year? _____

5) Which month has 29 days? _____

CHAPTER 4 - CALENDAR

Reading Calendar

January 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2016

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2016

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July 2016

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August 2016

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2016

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2016

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2016

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) What day of the week is the last day of September? _____

2) On what day of the week does the month of February start? _____

3) How many months have 31 days? _____

4) Thanksgiving Day is celebrated on 4th Thursday of November. What is the date? _____

5) How many Tuesdays are on the April calendar? _____

WEEK 5 - MATERIAL FOR THIS WEEK WILL BE PROVIDED BY YOUR TUTOR IN THE CLASS

CHAPTER 6 - FRACTIONS
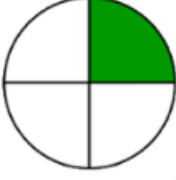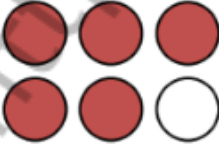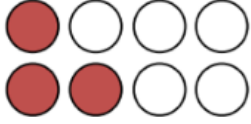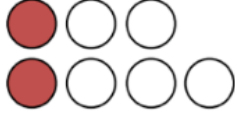
CHAPTER 6 - FRACTIONS

Identify numerators and denominators

Grade 2 Fractions Worksheet
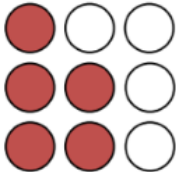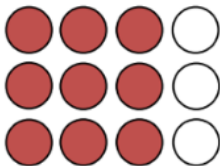
Fill in the table.

Fraction		Numerator	Denominator
$\dfrac{1}{2}$			
$\dfrac{1}{3}$			
$\dfrac{1}{4}$			
$\dfrac{2}{5}$			
$\dfrac{5}{6}$			
$\dfrac{3}{8}$			
$\dfrac{2}{7}$			

CHAPTER 6 - FRACTIONS

Writing fractions from numerators and denominators
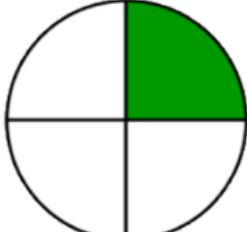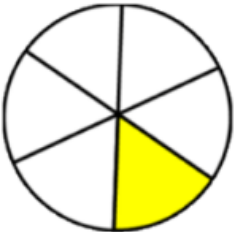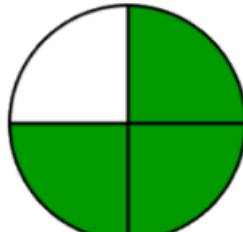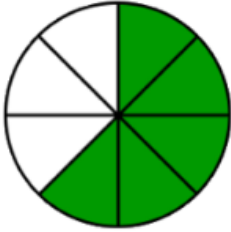
Write the fractions in the first column.

Fraction		Numerator	Denominator
		1	2
		2	3
		3	4
		4	5
		7	8
		5	9
		9	12

CHAPTER 6 - FRACTIONS

Identify fractions
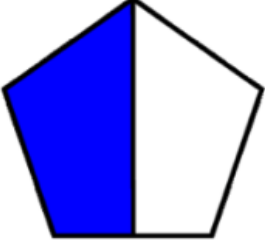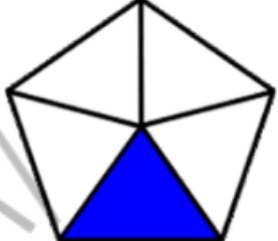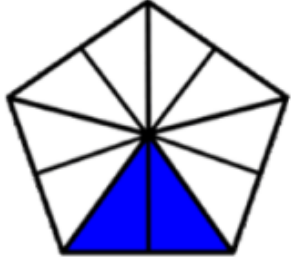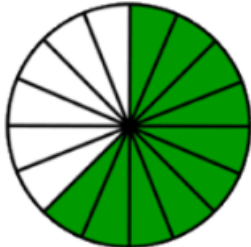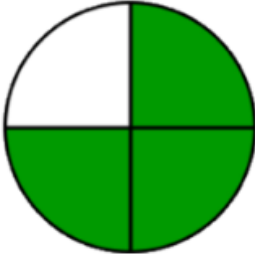
What fraction of the shape is shaded? Circle the correct answer.

$\dfrac{1}{6}$ $\dfrac{8}{1}$ $\dfrac{1}{8}$	$\dfrac{4}{1}$ $\dfrac{1}{8}$ $\dfrac{1}{4}$	$\dfrac{1}{2}$ $\dfrac{1}{6}$ $\dfrac{1}{4}$
$\dfrac{1}{6}$ $\dfrac{6}{1}$ $\dfrac{1}{4}$	$\dfrac{1}{16}$ $\dfrac{1}{8}$ $\dfrac{16}{1}$	$\dfrac{3}{6}$ $\dfrac{3}{8}$ $\dfrac{3}{4}$
$\dfrac{5}{16}$ $\dfrac{16}{5}$ $\dfrac{5}{8}$	$\dfrac{3}{2}$ $\dfrac{2}{3}$ $\dfrac{2}{4}$	$\dfrac{3}{2}$ $\dfrac{3}{4}$ $\dfrac{4}{3}$
$\dfrac{5}{16}$ $\dfrac{8}{5}$ $\dfrac{5}{8}$	$\dfrac{7}{8}$ $\dfrac{7}{16}$ $\dfrac{16}{7}$	$\dfrac{8}{7}$ $\dfrac{7}{16}$ $\dfrac{7}{8}$

CHAPTER 6 - FRACTIONS

Identify fractions
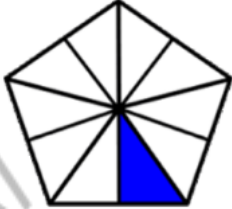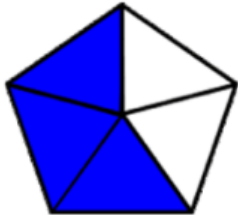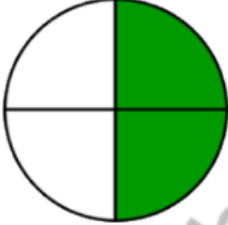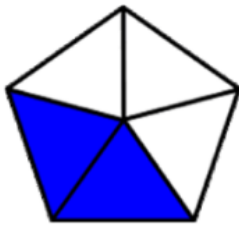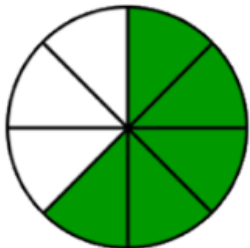
What fraction of the shape is shaded? Circle the correct answer.

$\dfrac{1}{2}$ $\dfrac{2}{3}$ $\dfrac{2}{1}$	$\dfrac{4}{3}$ $\dfrac{1}{4}$ $\dfrac{3}{4}$	$\dfrac{1}{5}$ $\dfrac{5}{1}$ $\dfrac{4}{5}$
$\dfrac{1}{9}$ $\dfrac{2}{6}$ $\dfrac{2}{8}$	$\dfrac{9}{12}$ $\dfrac{3}{12}$ $\dfrac{2}{12}$	$\dfrac{10}{2}$ $\dfrac{2}{10}$ $\dfrac{2}{8}$
$\dfrac{4}{6}$ $\dfrac{2}{4}$ $\dfrac{6}{4}$	$\dfrac{4}{1}$ $\dfrac{1}{3}$ $\dfrac{1}{4}$	$\dfrac{6}{12}$ $\dfrac{16}{10}$ $\dfrac{10}{16}$
$\dfrac{4}{8}$ $\dfrac{8}{4}$ $\dfrac{3}{8}$	$\dfrac{1}{4}$ $\dfrac{4}{3}$ $\dfrac{3}{4}$	$\dfrac{6}{8}$ $\dfrac{2}{8}$ $\dfrac{8}{6}$

CHAPTER 6 - FRACTIONS

Identify fractions
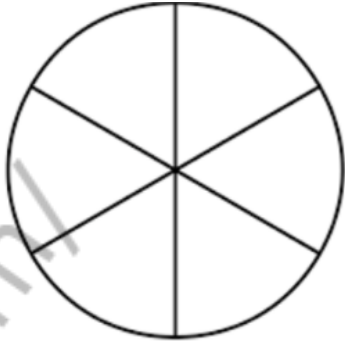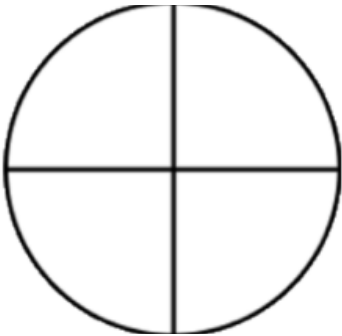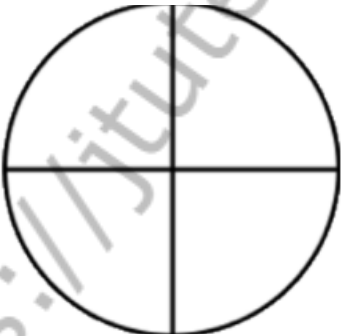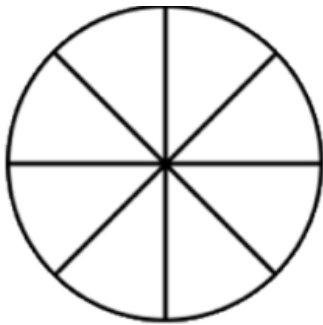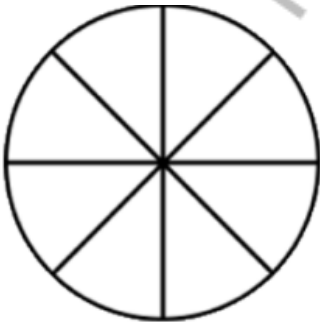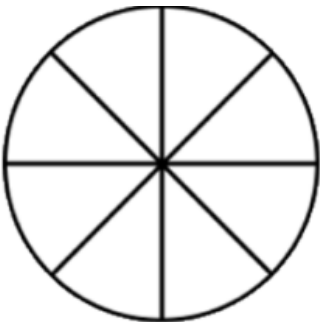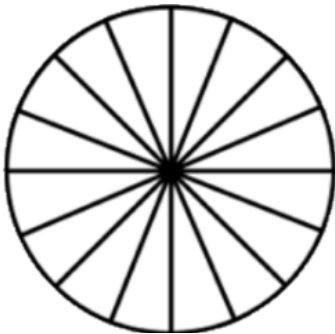
What fraction of the shape is shaded? Circle the correct answer.

$\dfrac{8}{1}$ $\dfrac{8}{7}$ $\dfrac{1}{8}$	$\dfrac{1}{12}$ $\dfrac{12}{1}$ $\dfrac{10}{11}$	$\dfrac{1}{9}$ $\dfrac{1}{10}$ $\dfrac{10}{1}$
$\dfrac{3}{1}$ $\dfrac{1}{3}$ $\dfrac{1}{2}$	$\dfrac{4}{3}$ $\dfrac{1}{4}$ $\dfrac{3}{4}$	$\dfrac{2}{3}$ $\dfrac{5}{3}$ $\dfrac{3}{5}$
$\dfrac{2}{4}$ $\dfrac{1}{4}$ $\dfrac{4}{2}$	$\dfrac{6}{3}$ $\dfrac{3}{6}$ $\dfrac{2}{3}$	$\dfrac{7}{16}$ $\dfrac{16}{9}$ $\dfrac{9}{16}$
$\dfrac{3}{5}$ $\dfrac{2}{5}$ $\dfrac{5}{2}$	$\dfrac{5}{8}$ $\dfrac{8}{5}$ $\dfrac{3}{5}$	$\dfrac{12}{5}$ $\dfrac{5}{7}$ $\dfrac{5}{12}$

CHAPTER 6 - FRACTIONS

Identify fractions
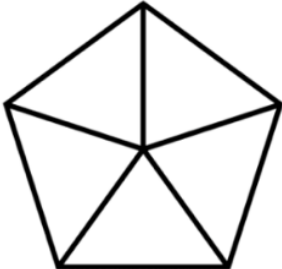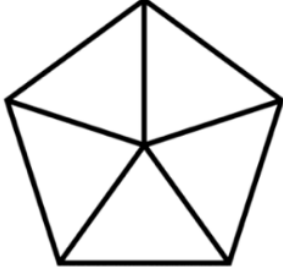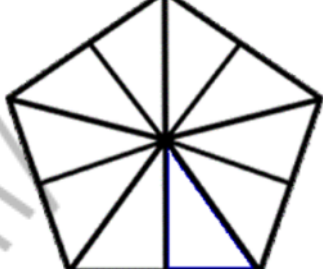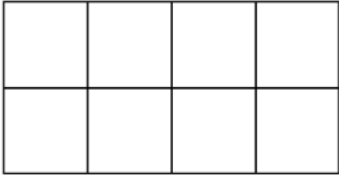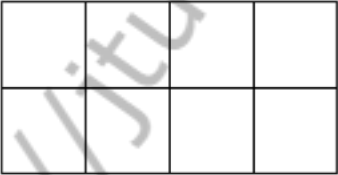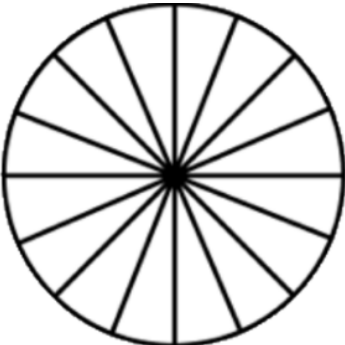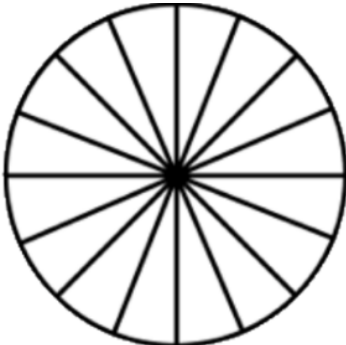
Color the shapes according to the fractions below each shape.

$\dfrac{1}{3}$	$\dfrac{2}{3}$	$\dfrac{2}{3}$
$\dfrac{3}{4}$	$\dfrac{1}{4}$	$\dfrac{1}{4}$
$\dfrac{1}{8}$	$\dfrac{3}{8}$	$\dfrac{5}{8}$

CHAPTER 6 - FRACTIONS

Identify fractions
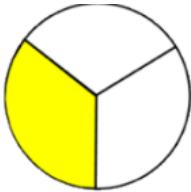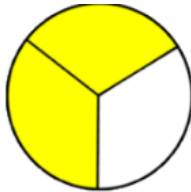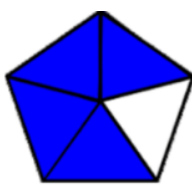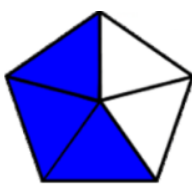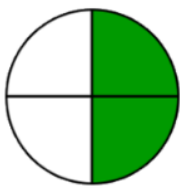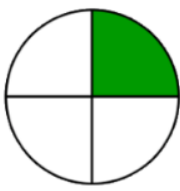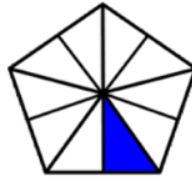
Color the shapes according to the fractions below each shape.

$\dfrac{1}{5}$	$\dfrac{4}{5}$	$\dfrac{2}{5}$
$\dfrac{3}{18}$	$\dfrac{6}{8}$	$\dfrac{1}{4}$
$\dfrac{5}{16}$	$\dfrac{9}{16}$	$\dfrac{3}{4}$
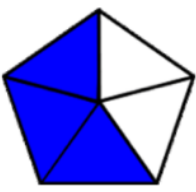
CHAPTER 6 - FRACTIONS

Compare fractions (same denominators)

Circle the fractions that are **GREATER**.

$\frac{1}{3}$ $\frac{2}{3}$	$\frac{4}{5}$ $\frac{3}{5}$
$\frac{2}{4}$ $\frac{1}{4}$	$\frac{2}{10}$ $\frac{1}{10}$

Circle the fractions that are **SMALLER**.
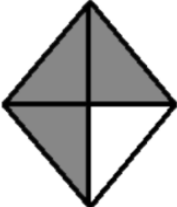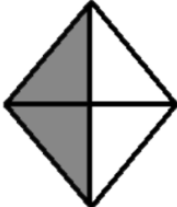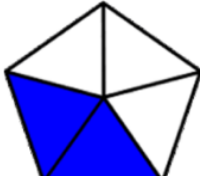
$\frac{4}{6}$ $\frac{3}{6}$	$\frac{5}{8}$ $\frac{1}{8}$
$\frac{2}{5}$ $\frac{3}{5}$	$\frac{7}{16}$ $\frac{5}{16}$
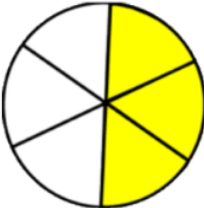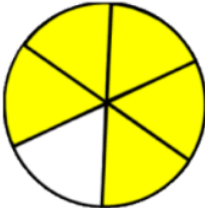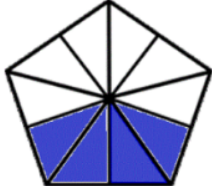
CHAPTER 6 - FRACTIONS

Compare fractions (same denominators)

Circle the fractions that are **GREATER**.

$\dfrac{3}{4}$ $\quad$ $\dfrac{2}{4}$	$\dfrac{3}{12}$ $\quad$ $\dfrac{5}{12}$
$\dfrac{1}{6}$ $\quad$ $\dfrac{3}{6}$	$\dfrac{4}{5}$ $\quad$ $\dfrac{2}{5}$

Circle the fractions that are **SMALLER**.
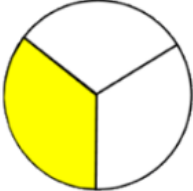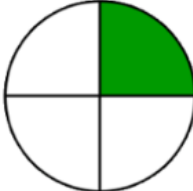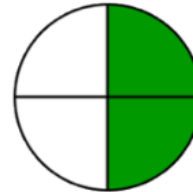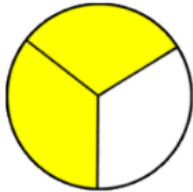
$\dfrac{3}{8}$ $\quad$ $\dfrac{2}{8}$	$\dfrac{3}{6}$ $\quad$ $\dfrac{5}{6}$
$\dfrac{10}{16}$ $\quad$ $\dfrac{4}{16}$	$\dfrac{4}{10}$ $\quad$ $\dfrac{2}{10}$

CHAPTER 7 - FRACTIONS - WP
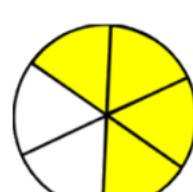
CHAPTER 7 - FRACTIONS - WP

Compare fractions (same numerators, different denominators)

Circle the fractions that are **GREATER**.

$\dfrac{1}{3}$	$\dfrac{1}{4}$	$\dfrac{1}{2}$	$\dfrac{1}{3}$
$\dfrac{2}{4}$	$\dfrac{2}{3}$	$\dfrac{2}{10}$	$\dfrac{2}{5}$

Circle the fractions that are **SMALLER**.

$\dfrac{3}{8}$	$\dfrac{3}{6}$	$\dfrac{5}{8}$	$\dfrac{5}{16}$
$\dfrac{2}{6}$	$\dfrac{2}{16}$	$\dfrac{4}{6}$	$\dfrac{4}{16}$

CHAPTER 7 - FRACTIONS - WP

Compare fractions (same numerators, different denominators)

Circle the fractions that are **GREATER**.

$\frac{1}{6}$ $\frac{1}{4}$	$\frac{4}{8}$ $\frac{4}{16}$
$\frac{10}{16}$ $\frac{10}{12}$	$\frac{3}{5}$ $\frac{3}{16}$

Circle the fractions that are **SMALLER**.

$\frac{1}{6}$ $\frac{1}{4}$	$\frac{2}{6}$ $\frac{2}{3}$
$\frac{1}{12}$ $\frac{1}{5}$	$\frac{2}{3}$ $\frac{2}{16}$
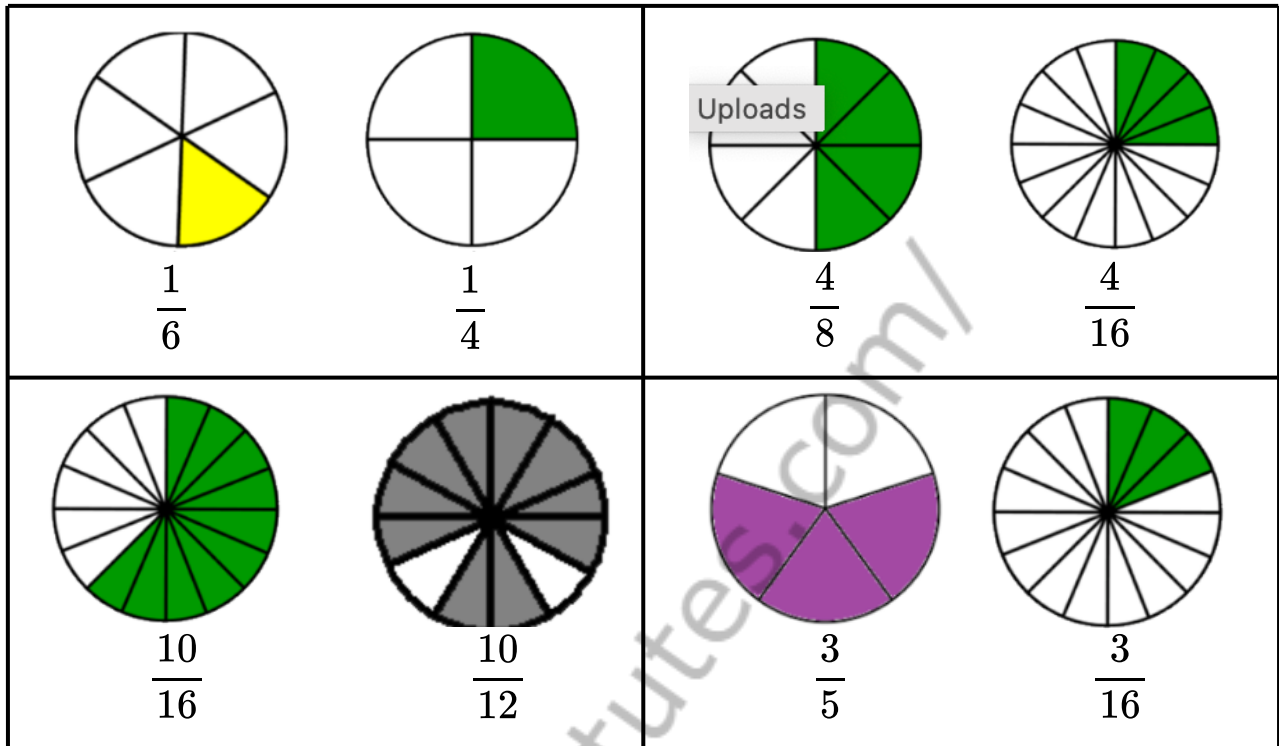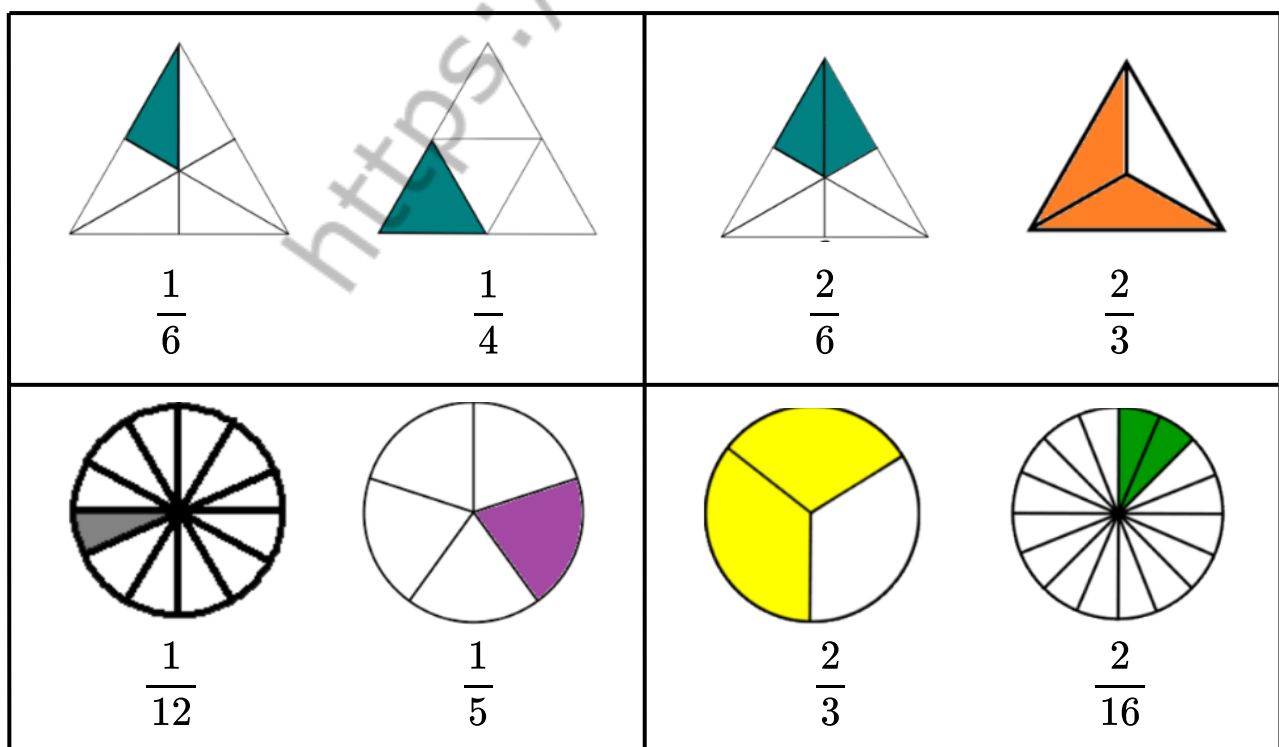
CHAPTER 7 - FRACTIONS - WP

Compare fractions (parts of a set)

What fraction of the animals are rabbits? _____

What fraction of the animals are cats? _____

Which fraction is greater? _____

What fraction of the group are leaves? _____

What fraction of the group are trees? _____

Which fraction is greater? _____

What fraction of the utensils are knives? _____

What fraction of the utensils are spoons? _____

Which fraction is smaller? _____

CHAPTER 7 - FRACTIONS - WP

Compare fractions (parts of a set)

What fraction of the above are trucks?	_____
What fraction of the above are planes?	_____
Which fraction is greater?	_____

What fraction of the group are cakes?	_____
What fraction of the group are hats?	_____
Which fraction is greater?	_____

What fraction of the above are scissors?	_____
What fraction of the above are rulers?	_____
Which fraction is smaller?	_____

CHAPTER 7 - FRACTIONS - WP

Fraction word problems - Slicing up the Pizza

Place a check mark beside the pizza which is sliced up correctly.
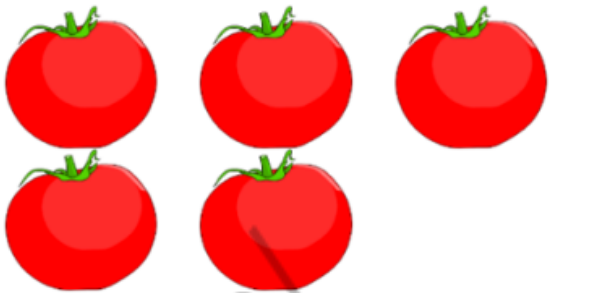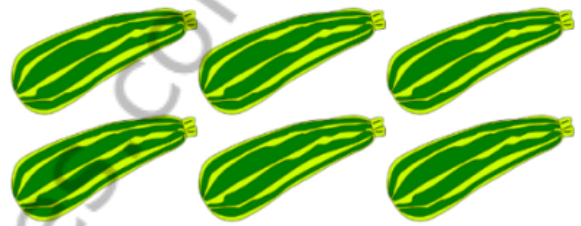
Sean, Emma and Dave shared a pizza. The pizza was cut into equal parts. They each ate one part. No pizza was left. How did they cut the pizza?	☐	☐
Ashley, Morgan, Chris and Liz shared a pizza. The pizza was cut into equal parts. They each ate one part. No pizza was left. How did they cut the pizza?	☐	☐
Jack and Ric shared a pizza. The pizza was cut into equal parts. They each ate one part. One part of pizza was left. How did they cut the pizza?	☐	☐
Dave and Jack shared a pizza. The pizza was cut into equal parts. They each ate one part. Two parts of pizza was left. How did they cut the pizza?	☐	☐
Chris, Ric, Maddy and Jack shared a pizza. The pizza was cut into equal parts. They each ate one part and each took one part home. No pizza was left. How did they cut the pizza?	☐	☐

CHAPTER 7 - FRACTIONS - WP

Fraction word problems - Harvest Time on the Farm

Its harvest time at Joe's farm.
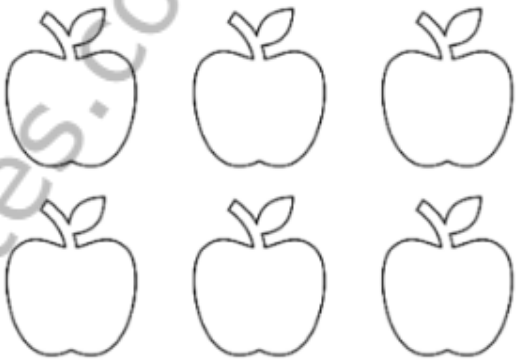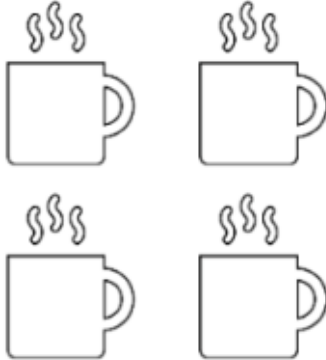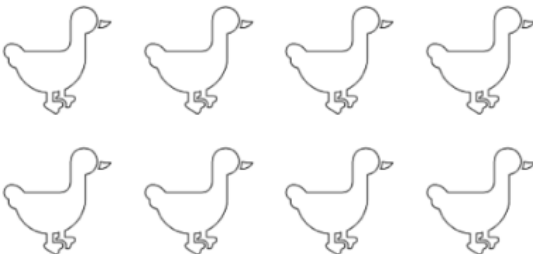
There are 5 tomatoes but $\frac{2}{5}$ of them are rotten. Joe throws out the rotten tomatoes and puts the rest in his basket. Cross out the rotten tomatoes.	
There are 6 zucchinis but $\frac{4}{6}$ of them are rotten. Joe throws out the rotten zucchinis and puts the rest in his basket. Cross out the rotten zucchinis.	
There are 8 onions but $\frac{3}{8}$ of them are rotten. Joe throws out the rotten onions and puts the rest in his basket. Cross out the rotten onions.	

In his basket, there are _____ tomatoes, _____ zucchinis and _____ onions. There are _____ vegetables in total.

What fraction of the vegetables in his basket are tomatoes? _____

What fraction of the vegetables in his basket are zucchinis? _____

What fraction of the vegetables in his basket are onions? _____

Which fraction is the greatest? _____

Which fraction is the smallest? _____

CHAPTER 7 - FRACTIONS - WP

Fraction word problems - A Picnic Lunch

Ashley, Emily and Chris are going on a picnic together.

They packed 5 cupcakes. Ashley had $\frac{1}{5}$ of the cupcakes. Emily and Chris each had $\frac{2}{5}$ of the cupcakes. Color the cupcakes Emily ate PINK.	
They packed 6 apples. Ashley and Chris each had $\frac{1}{6}$ of the apples. Cross out the apples they ate.	
They prepared 4 cups of hot chocolate. Emily had $\frac{2}{4}$ of the hot chocolate. Chris spilled $\frac{1}{4}$ of hot chocolate. Circle the cups of hot chocolate that are left.	
At the end of the picnic, 8 ducks passed by. They only have enough food to feed $\frac{6}{8}$ of the ducks. Color out the fed ducks YELLOW and the hungry ducks GREY.	

CHAPTER 7 - FRACTIONS - WP

Compare fractions (parts of a set)

Answer the questions with fractions.

1) What fraction of the kids are boy?

2) What fraction of the kids have glasses?

3) What fraction of the kids are smiling?

1) What fraction of the shapes are stars?

2) What fraction of the shapes are shaded?

3) What fraction of the shapes are shaded hearts?

CHAPTER 7 - FRACTIONS - WP

Compare fractions (parts of a set)

Answer the questions with fractions.

1) What fraction of the above are drinks?

2) What fraction of the above must be cold?

3) What fraction of the above are fruits?

1) What fraction of the above are carrots?

2) What fraction of the above are bananas?

3) What fraction of the above are vegetables?

CHAPTER 8 - PATTERNS

CHAPTER 8 - PATTERNS

Equivalent Pattern

Choose the correct equivalent pattern for each original pattern.

1)

a)

b)

c)

2)

a)

b)

c)

3)

a)

b)

c)

CHAPTER 8 - PATTERNS

Equivalent Pattern

Choose the correct equivalent pattern for each original pattern.

1)

a)

b)

c)

2)

a)

b)

c)

3)

a)

b)

c)

CHAPTER 8 - PATTERNS

Identifying Shape Pattern

Complete the shape pattern.

1) △ ◯ △ ✦ △ ◯ △ ✦ ☐ ☐

2) ♡ ⬠ ⬠ ♡ ☐ ⬠ ♡ ⬠ ⬠

3) ⌣ ⌣ ☐ ⌣ ☐ ⌣ ⌣ ⌣ ☐

4) ⏢ ⬡ ⬭ ◺ ⏢ ⬡ ☐ ☐ ⏢

5) ⋈ ⋈ ⋈ ☐ ⋈ ☐ ⋈ ⋈ ▭

6) ▽ ▽ ◇ ☐ ◇ ▽ ☐ ◇ ◇ ◇

7) ☐ ☆ ⬗ ⬗ ☆ ☆ ☆ ⬗ ⬗

8) ⬠ ◖ ⬠ ☐ ⬠ ◖ ☐ ◖ ⬠ ◖

9) ⬭ ◁ ◁ ☐ ▯ ⬭ ◁ ◁ ◁

10) ✦ ✦ ⏢ ⏢ ✦ ☐ ⏢ ☐ ✦ ✦

CHAPTER 8 - PATTERNS

Identifying Shape Pattern

Complete the shape pattern.

1) ⬭ ✚ ✚ ☐ ✚ ⬭ ✚ ☐ ✚ ✚

2) ☐ ☐ ♡ ♡ ✦ ✦ ♡ ♡ ✦ ✦

3) ▢ ▢ ⬙ ⬙ ▢ ▢ ▢ ⬙

4) ⬠ ◯ ◯ ⬠ ☐ ⬠ ◯ ◯ ⬠

5) ▭ ▭ ▭ ☐ ⋈ ▭ ▭ ☐ ▭ ⋈

6) ◇ ◇ ⏢ ⏢ ⏢ ☐ ◇ ⏢ ⏢ ☐

7) ◁ ⬡ ☐ ⬡ ◁ ◁ ☐ ⬡ ⬡ ◁

8) ☆ ☐ ☆ ⌣ ☐ ⌣ ☆ ⌣ ☆ ⌣

9) ⬡ △ ⬡ ☐ △ ⬡ ▽ ⬡ △

10) ☐ ⌐L ⌐L ⌐L ◖ ⌐L ⌐L ☐ ⌐L ◖

CHAPTER 8 - PATTERNS

Identifying Shape Pattern

Complete the shape pattern.

1)

2)

3)

4)

5)

6)

7)

8)

9)

10)

CHAPTER 8 - PATTERNS

Writing Rules

Write the rule followed by each pattern.

1)

Pattern rule: _____**AABB**_____

2)

Pattern rule: _____

3)

Pattern rule: _____

4)

Pattern rule: _____

5)

Pattern rule: _____

6)

Pattern rule: _____

CHAPTER 8 - PATTERNS

Writing Rules

Write the rule followed by each pattern.

1)

Pattern rule: _____**AAB**_____

2)

Pattern rule: _____

3)

Pattern rule: _____

4)

Pattern rule: _____

5)

Pattern rule: _____

6)

Pattern rule: _____

CHAPTER 8 - PATTERNS

Writing Rules

Write the rule followed by each pattern.

1)

Pattern rule: _____**ABBB**_____

2)

Pattern rule: _____

3)

Pattern rule: _____

4)

Pattern rule: _____

5)

Pattern rule: _____

6)

Pattern rule: _____

CHAPTER 9 - MULTIPLICATION

CHAPTER 9 - MULTIPLICATION

Repeated Addition

Fill in the box for each multiplication sentence and find the product.

1) 3 + 3 + 3

$\boxed{}$ x 3 = ___

2) 5 + 5 + 5 + 5

$\boxed{}$ x 5 = ___

3) 2 + 2 + 2 + 2 + 2

$\boxed{}$ x 2 = ___

4) 1 + 1 + 1 + 1

$\boxed{}$ x 1 = ___

5) 9 + 9

$\boxed{}$ x 9 = ___

6) 7 + 7 + 7

$\boxed{}$ x 7 = ___

7) 8 + 8

$\boxed{}$ x 8 = ___

8) 4 + 4 + 4 + 4 + 4

$\boxed{}$ x 4 = ___

9) 6 + 6 + 6

$\boxed{}$ x 6 = ___

10) 2 + 2 + 2

$\boxed{}$ x 2 = ___

11) 3 + 3 + 3 + 3 + 3

$\boxed{}$ x 3 = ___

12) 5 + 5

$\boxed{}$ x 5 = ___

13) 1 + 1 + 1 +1

$\boxed{}$ x 1 = ___

14) 7 + 7 + 7 + 7

$\boxed{}$ x 7 = ___

15) 9 + 9 + 9

$\boxed{}$ x 9 = ___

CHAPTER 9 - MULTIPLICATION

Repeated Addition

Fill in the box for each multiplication sentence and find the product.

1) 2 + 2

☐ x 2 = ___

2) 4 + 4 + 4 + 4 + 4

☐ x 4 = ___

3) 8 + 8 + 8 + 8

☐ x 8 = ___

4) 1 + 1 + 1

☐ x 1 = ___

5) 6 + 6 + 6 + 6

☐ x 6 = ___

6) 3 + 3 + 3

☐ x 3 = ___

7) 5 + 5 + 5 + 5 + 5

☐ x 5 = ___

8) 9 + 9 + 9 + 9 + 9

☐ x 9 = ___

9) 7 + 7

☐ x 7 = ___

10) 2 + 2 + 2 + 2

☐ x 2 = ___

11) 4 + 4 + 4 + 4

☐ x 4 = ___

12) 8 + 8 + 8

☐ x 8 = ___

13) 1 + 1 + 1 +1

☐ x 1 = ___

14) 3 + 3 + 3 + 3 + 3

☐ x 3 = ___

15) 6 + 6 + 6 + 6 + 6

☐ x 6 = ___

CHAPTER 9 - MULTIPLICATION

Repeated Addition

Fill in the box for each multiplication sentence and find the product.

1) $3 + 3 + 3 + 3$

☐ x 3 = ___

2) $8 + 8 + 8 + 8$

☐ x 8 = ___

3) $7 + 7 + 7 + 7 + 7$

☐ x 7 = ___

4) $6 + 6 + 6 + 6 + 6$

☐ x 6 = ___

5) $2 + 2$

☐ x 2 = ___

6) $5 + 5 + 5$

☐ x 5 = ___

7) $1 + 1 + 1$

☐ x 1 = ___

8) $4 + 4 + 4 + 4 + 4$

☐ x 4 = ___

9) $9 + 9 + 9$

☐ x 9 = ___

10) $3 + 3$

☐ x 3 = ___

11) $7 + 7 + 7$

☐ x 7 = ___

12) $8 + 8 + 8 + 8 + 8$

☐ x 8 = ___

13) $2 + 2 + 2 + 2$

☐ x 2 = ___

14) $5 + 5 + 5 + 5$

☐ x 5 = ___

15) $6 + 6$

☐ x 6 = ___

CHAPTER 9 - MULTIPLICATION

Describing Model: Equal Groups

Answer the questions that describe each model.

A)

1) How many trees are there?

_____ trees

2) How many fruits are there in each tree?

_____ fruits

3) Write a multiplication sentence to describe the model.

_____ x _____ = _____

4) How many fruits are there altogether?

_____ fruits

B)

1) How many cages are there?

_____ cages

2) How many rabbits are there in each cage?

_____ rabbits

3) Write a multiplication sentence to describe the model.

_____ x _____ = _____

4) How many rabbits are there in all?

_____ rabbits

CHAPTER 9 - MULTIPLICATION

Describing Model: Equal Groups

Answer the questions that describe each model.

A)

1) How many nests are there?

   _____ nests

2) How many eggs are there in each nest?

   _____ eggs

3) Write a multiplication sentence to describe the model.

   _____ x _____ = _____

4) How many eggs are there in all?

   _____ eggs

B)

1) How many flowerpots are there?

   _____ flowerpots

2) How many flowers are there in each flowerpot?

   _____ flowers

3) Write a multiplication sentence to describe the model.

   _____ x _____ = _____

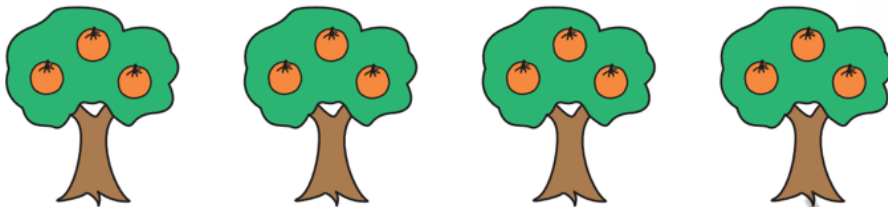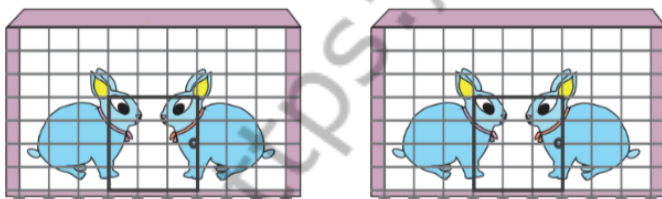4) How many flowers are there altogether?

   _____ flowers

CHAPTER 9 - MULTIPLICATION

Describing Model: Equal Groups

Answer the questions that describe each model.

A)

1) How many baskets are there?

   _____ baskets

2) How many strawberries are there in each basket?

   _____ strawberries

3) Write a multiplication sentence to describe the model.

   _____ x _____ = _____

4) How many strawberries are there altogether?

   _____ strawberries

B)

1) How many spaceships are there?

   _____ spaceships

2) How many aliens are there in each spaceship?

   _____ aliens

3) Write a multiplication sentence to describe the model.

   _____ x _____ = _____

4) How many aliens are there in all?

   _____ aliens
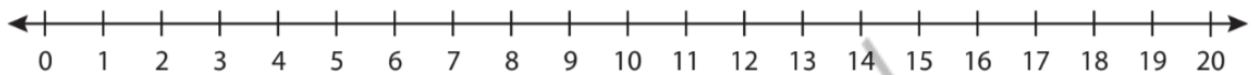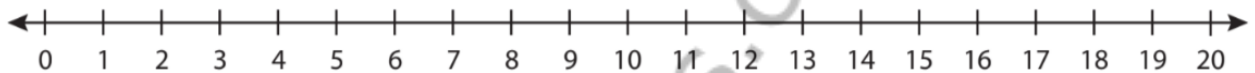
CHAPTER 9 - MULTIPLICATION

Number Line Multiplication

Indicate hops on each number line and complete the multiplication sentences.

1) 4 x 3 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

2) 5 x 2 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

3) 2 x 4 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

4) 3 x 5 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

5) 9 x 1 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

6) 7 x 2 = _____

```
←+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

CHAPTER 9 - MULTIPLICATION

Number Line Multiplication

Indicate hops on each number line and complete the multiplication sentences.

1) 7 x 1 = _____
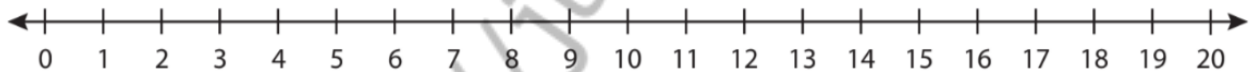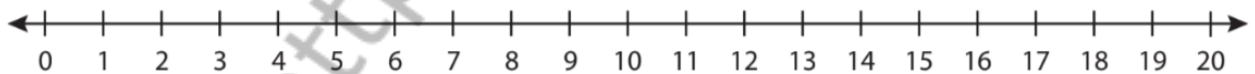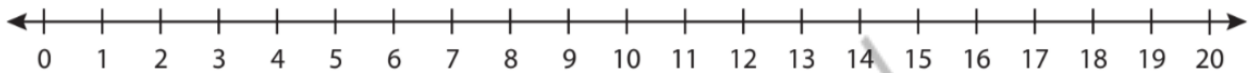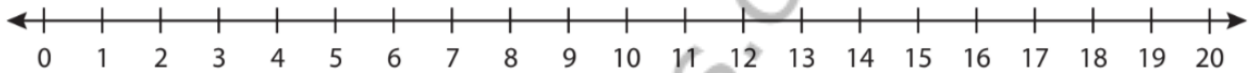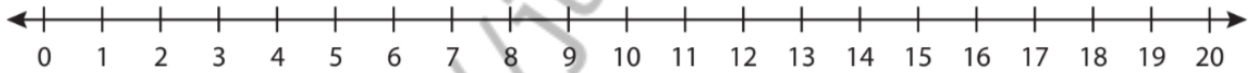
```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```
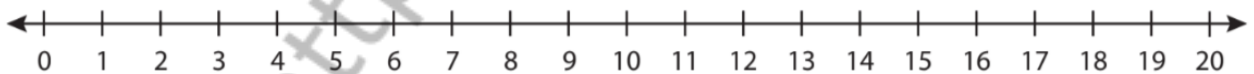
2) 3 x 6 = _____

```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

3) 4 x 4 = _____

```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

4) 2 x 8 = _____

```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

5) 5 x 3 = _____

```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

6) 9 x 2 = _____

```
←+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+→
  0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

CHAPTER 9 - MULTIPLICATION

Number Line Multiplication

Indicate hops on each number line and complete the multiplication sentences.

1) 2 x 7 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```
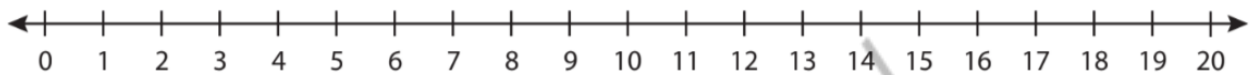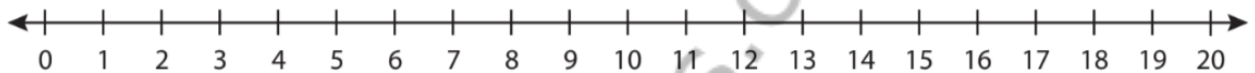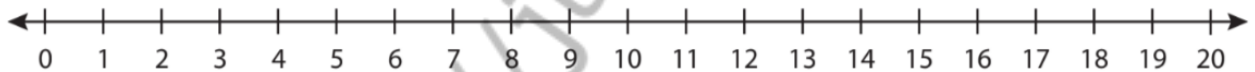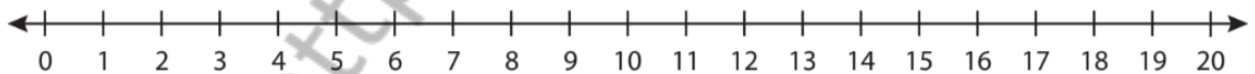
2) 8 x 1 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

3) 3 x 3 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

4) 6 x 2 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

5) 4 x 5 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

6) 1 x 9 = _____

```
←+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```
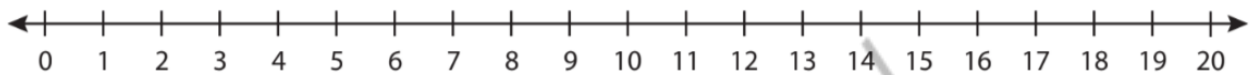
CHAPTER 9 - MULTIPLICATION
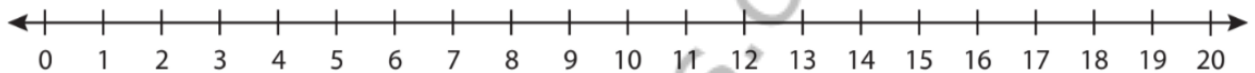
Number Line Multiplication

Indicate hops on each number line and complete the multiplication sentences.

1) 3 x 4 = _____
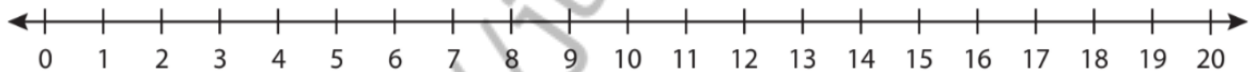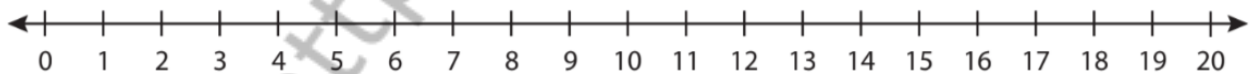
```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

2) 2 x 9 = _____

```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

3) 8 x 2 = _____

```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

4) 5 x 1 = _____

```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

5) 6 x 3 = _____

```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

6) 2 x 5 = _____

```
0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20
```

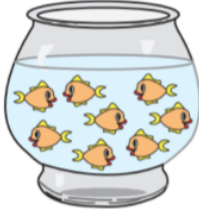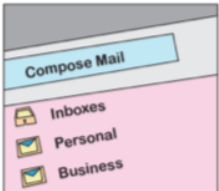# CHAPTER 10 - TIME
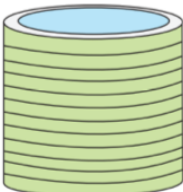
CHAPTER 10 - TIME

Estimating Time Units

Choose the appropriate time unit for each action / activity.

1) Time spent at a theme park

☐ about 5 seconds
☐ about 20 minutes
☐ about 4 hours

2) To drill five holes

☐ about 8 seconds
☐ about a minute
☐ about 12 hours

3) To wash clothes

☐ about 36 seconds
☐ about 50 minutes
☐ about 19 hours

4) To take a pill

☐ about 10 seconds
☐ about 6 minutes
☐ about an hour

5) To ring a door bell

☐ about 2 seconds
☐ about 10 minutes
☐ about 3 hours

6) To fill a water bottle

☐ about 3 seconds
☐ about a minute
☐ about an hour

7) To dry your hair using a hair dryer

☐ about 29 seconds
☐ about 2 minutes
☐ about 20 hours

8) To eat an ice-cream

☐ about 5 seconds
☐ about 10 minutes
☐ about 8 hours

CHAPTER 10 - TIME

Estimating Time Units
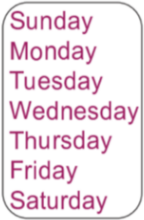
Choose the appropriate time unit for each action / activity.

1) To count the fish in the pot

☐ about a second
☐ about a minute
☐ about an hour

2) To sharpen a pencil lead

☐ about 15 seconds
☐ about 39 minutes
☐ about 10 hours

3) To brush your hair

☐ about 56 seconds
☐ about 42 minutes
☐ about 3 hours

4) To compose an e-mail

☐ about 25 seconds
☐ about 5 minutes
☐ about 20 hours

5) To cough

☐ about 3 seconds
☐ about 35 minutes
☐ about 8 hours

6) A Soccer match

☐ about 31 seconds
☐ about 27 minutes
☐ about 2 hours

7) Filling up a water tank

☐ about 17 seconds
☐ about 30 minutes
☐ about 14 hours

8) To make a miniature model of a house

☐ about 50 seconds
☐ about 15 minutes
☐ about an hour

CHAPTER 10 - TIME

Estimating Time Units

Choose the appropriate time unit for each action / activity.

1) To draft a letter

☐ about 13 seconds

☐ about 10 minutes

☐ about 16 hours

2) Work out at gym

☐ about 30 seconds

☐ about 5 minutes

☐ about an hour

3) To drink a glass of water

☐ about 30 seconds

☐ about 49 minutes

☐ about 22 hours

4) To prepare an omelette

☐ about 20 seconds

☐ about 6 minutes

☐ about 18 hours

5) To drink a cup of coffee

☐ about 15 seconds

☐ about 7 minutes

☐ about 5 hours

6) To write the days of a week

☐ about 40 seconds

☐ about 38 minutes

☐ about 6 hours

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

7) To water wash a motor bike

☐ about 31 seconds

☐ about 20 minutes

☐ about 4 hours

8) Time spent at school

☐ about 59 seconds

☐ about 42 minutes

☐ about 7 hours

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each clock and write the time in words.

Half past one   **Quarter past one**   **Quarter to two**

1)

2)

3)

4)

5)

6)

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each clock and write the time in words.

Half past one   **Quarter past one**   **Quarter to two**

7)

8)

9)

10)

11)

12)

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each clock and write the time in words.

Half past one　　**Quarter past one**　　**Quarter to two**

1)

2)

3)

4)

5)

6)

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Time in Words: Half-Hourly & Quarterly

Read each clock and write the time in words.

Half past one **Quarter past one** **Quarter to two**

7)

8)

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11)

12)

CHAPTER 10 - TIME

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Read each clock and write the time in words.

Half past one   **Quarter past one**   **Quarter to two**

1)

2)

3)

4)

5)

6)

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each clock and write the time in words.

Half past one   **Quarter past one**   **Quarter to two**

7)

8)

9)

10)

11)

12)

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	**1:15**	**1:45**
Half past one	Quarter past one	Quarter to two

1)

6:30

2)

11:15

3)

8:45

4)

4:45

5)

5:30

6)

9:15

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	**1:15**	**1:45**
Half past one	**Quarter past one**	**Quarter to two**

7)

10:15

8)

2:45

9)

7:30

10)

12:45

11)

4:30

12)

3:15

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	1:15	1:45
Half past one	**Quarter past one**	**Quarter to two**

1) 3:30

2) 2:15

3) 10:45

4) 7:45

5) 9:30

6) 6:15

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	1:15	1:45
Half past one	**Quarter past one**	**Quarter to two**

7) 11:30

8) 7:15

9) 4:45

10) 5:15

11) 12:45

12) 8:30

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	**1:15**	**1:45**
Half past one	Quarter past one	Quarter to two

1) **5:45**

2) **12:30**

3) **8:15**

4) **2:30**

5) **4:15**

6) **9:45**

CHAPTER 10 - TIME

Time in Words: Half-Hourly & Quarterly

Read each digital clock and write the time in words.

1:30	**1:15**	**1:45**
Half past one	**Quarter past one**	**Quarter to two**

7) **12:15**

8) **6:45**

9) **10:30**

10) **11:45**

11) **7:30**

12) **5:15**

CHAPTER 10 - TIME

Telling TIme: A.M. and P.M.

Read each sentence, and write whether the event takes place in the a.m. or p.m.

1) Jemima enjoyed a spectacular display of fireworks. _____

2) We will be leaving at dawn. _____

3) Kevin and his friends came home for dinner. _____

4) Sally jogs for 30 minutes before breakfast every day. _____

5) The boys went to the beach after lunch. _____

6) Little Noah reads a story before going to bed. _____

7) We ate pancakes for breakfast. _____

8) Rick and Ed play in the backyard after coming from school. _____

9) The train will depart before midday. _____

10) Lee took a nap in the afternoon. _____

CHAPTER 10 - TIME

Telling TIme: A.M. and P.M.

Look at the clock, and tell the time. Read each sentence, and write if the event occurs in the a.m. or p.m.

1) The mall opens at _____.

2) Lunch is served at _____.

3) The sun rise at _____ yesterday.

4) The kids woke up at _____.

5) After his work, Dad took us to the _____ show.

6) Go to bed at _____.

7) The soccer practice starts at _____ after school.

8) Finish studies by _____ so we can eat dinner early.

ICAS
***WEEK 11 - MATERIAL FOR THIS WEEK WILL
BE PROVIDED BY YOUR TUTOR IN THE
CLASS***