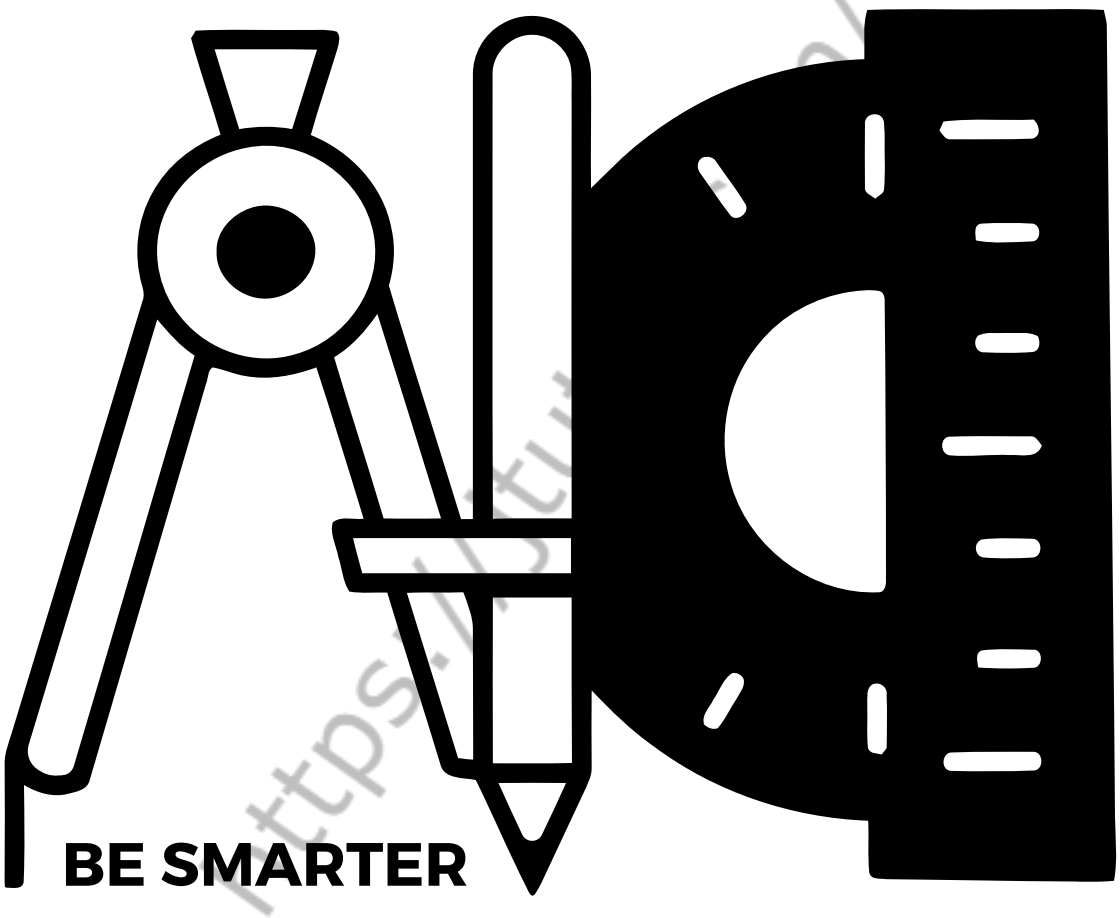
J-TUTES



YEAR 5 WORKBOOK

TERM 1 SYLLABUS

CHAPTER 1 - PLACE VALUES

CHAPTER 1 - PLACE VALUES

The Ten Digits

The Digits we use today are called “Hindu-Arabic Numerals”:

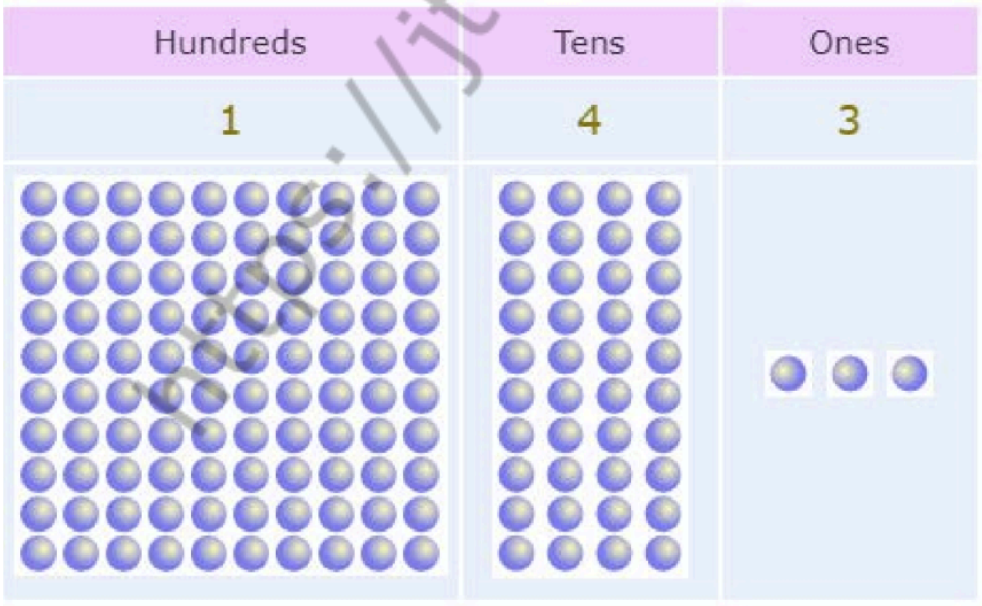
0 1 2 3 4 5 6 7 8 9

Ten Or More...

When we have more than 9 items, we start **another** column - the “tens” column - and we write down how many “tens” we have, followed by how many “ones” (also called “units”).

A Hundred Or More...

When we have more than 99 items, we start **another** column - the “hundreds” column. Now we need to show how many Hundreds, Tens and Ones:



The Number 143

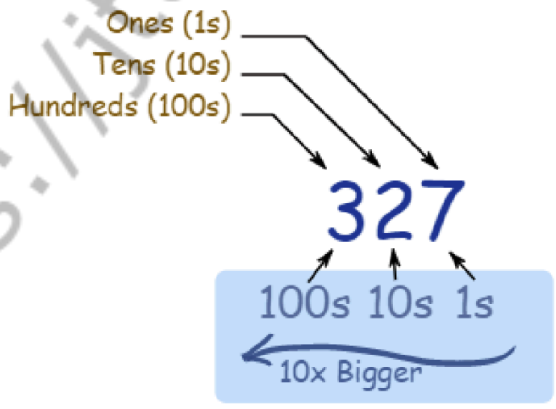
CHAPTER 1 - PLACE VALUES

Place Value

When we write numbers, the position (or “place”) of each digit is important.

In the number 327:

- the "7" is in the **Ones** position, meaning 7 ones (which is 7),
- the "2" is in the **Tens** position meaning 2 tens (which is twenty),
- and the "3" is in the **Hundreds** position, meaning 3 hundreds.



"Three Hundred Twenty Seven"

As we move left, each position is 10 times bigger!

Tens are 10 times bigger than **Ones**
Hundreds are 10 times bigger than **Tens**

... and ...

As we move right, each position is 10 times **smaller**.

From **Hundreds**, to **Tens**, to **Ones**

CHAPTER 1 - PLACE VALUES

VALUE OF THE DIGIT

1) Write down the place value of 4 in each of these numbers.

a) 341,528 _____ b) 14,763 _____

c) 496,235 _____ d) 45,879 _____

2) Write down the place value of 2 in each of these numbers.

a) 237,645 _____ b) 629,350 _____

c) 2,968 _____ d) 59,241 _____

3) Write down the place value of 8 in each of these numbers.

a) 78,025 _____ b) 895,407 _____

c) 817,930 _____ d) 982,350 _____

4) Write down the place value of 6 in each of these numbers.

a) 160,291 _____ b) 86,143 _____

c) 8,036 _____ d) 61,537 _____

5) Write down the place value of 3 in each of these numbers.

a) 31,769 _____ b) 398,627 _____

c) 23,471 _____ d) 732,804 _____

6) Write down the place value of 1 in each of these numbers.

a) 91,046 _____ b) 148,975 _____

c) 519,768 _____ d) 1,872 _____

CHAPTER 1 - PLACE VALUES

VALUE OF THE DIGIT

1) Write down the place value of 5 in each of these numbers.

a) 15,478 _____ b) 513,297 _____

c) 5,904 _____ d) 54,369 _____

2) Write down the place value of 7 in each of these numbers.

a) 379,214 _____ b) 85,873 _____

c) 207,845 _____ d) 71,320 _____

3) Write down the place value of 9 in each of these numbers.

a) 951,164 _____ b) 869,753 _____

c) 59,784 _____ d) 498,257 _____

4) Write down the place value of 2 in each of these numbers.

a) 725,498 _____ b) 276,143 _____

c) 32,017 _____ d) 215,940 _____

5) Write down the place value of 1 in each of these numbers.

a) 26,143 _____ b) 1,809 _____

c) 179,582 _____ d) 318,054 _____

6) Write down the place value of 6 in each of these numbers.

a) 64,953 _____ b) 96,321 _____

c) 169,598 _____ d) 692,714 _____

CHAPTER 1 - PLACE VALUES

VALUE OF THE DIGIT

1) Write down the place value of 3 in each of these numbers.

a) 304,529 _____ b) 36,154 _____

c) 436,197 _____ d) 13,086 _____

2) Write down the place value of 9 in each of these numbers.

a) 59,642 _____ b) 9,730 _____

c) 693,201 _____ d) 975,214 _____

3) Write down the place value of 5 in each of these numbers.

a) 259,372 _____ b) 518,673 _____

c) 165,102 _____ d) 589,426 _____

4) Write down the place value of 8 in each of these numbers.

a) 81,549 _____ b) 3,867 _____

c) 8,263 _____ d) 897,405 _____

5) Write down the place value of 7 in each of these numbers.

a) 47,482 _____ b) 72,098 _____

c) 175,634 _____ d) 794,350 _____

6) Write down the place value of 4 in each of these numbers.

a) 849,561 _____ b) 421,065 _____

c) 28,314 _____ d) 94,296 _____

CHAPTER 1 - PLACE VALUES

VALUE OF THE DIGIT

1) Write down the place value of 7 in each of these numbers.

a) 37,362 _____ b) 74,501 _____

c) 736,194 _____ d) 47,268 _____

2) Write down the place value of 1 in each of these numbers.

a) 184,093 _____ b) 145,637 _____

c) 461,742 _____ d) 19,256 _____

3) Write down the place value of 2 in each of these numbers.

a) 325,316 _____ b) 62,684 _____

c) 20,879 _____ d) 267,984 _____

4) Write down the place value of 5 in each of these numbers.

a) 579,361 _____ b) 9,578 _____

c) 5,234 _____ d) 54,640 _____

5) Write down the place value of 9 in each of these numbers.

a) 937,164 _____ b) 94,825 _____

c) 29,347 _____ d) 790,286 _____

6) Write down the place value of 3 in each of these numbers.

a) 3,687 _____ b) 639,812 _____

c) 801,234 _____ d) 83,149 _____

CHAPTER 1 - PLACE VALUES

BUILD A 5-DIGIT NUMBER FROM THE PARTS

Example: 71,836 = 70,000 +1,000 +800 +30 +6

Write the 5-digit numbers

1. _____ 50,000 + 1,000 + 800 + 50 + 7
2. _____ 30,000 + 9,000 + 700 + 20 + 6
3. _____ 90,000 + 1,000 + 600 + 10 + 3
4. _____ 80,000 + 6,000 + 500 + 90 + 8
5. _____ 50,000 + 4,000 + 90 + 5
6. _____ 10,000 + 1,000 + 900 + 90
7. _____ 10,000 + 5,000 + 100 + 40 + 4
8. _____ 60,000 + 9,000 + 300 + 70 + 1
9. _____ 20,000 + 1,000 + 500 + 50 + 1
10. _____ 20,000 + 9,000 + 400 + 20

CHAPTER 1 - PLACE VALUES

BUILD A 5-DIGIT NUMBER FROM THE PARTS

Example: 71,836 = 70,000 +1,000 +800 +30 +6

Write the 5-digit numbers

1. _____ 30,000 + 8,000 + 500 + 30 + 2
2. _____ 50,000 + 3,000 + 500 + 10 + 9
3. _____ 80,000 + 3,000 + 5
4. _____ 70,000 + 7,000 + 100 + 60 + 2
5. _____ 40,000 + 500 + 80
6. _____ 40,000 + 3,000 + 100 + 70 + 3
7. _____ 40,000 + 1,000 + 700 + 40 + 1
8. _____ 90,000 + 4,000 + 200 + 80 + 9
9. _____ 90,000 + 1,000 + 600 + 70
10. _____ 40,000 + 9,000 + 900 + 2

CHAPTER 1 - PLACE VALUES

FIND THE MISSING PLACE VALUE FROM A 5-DIGIT NUMBER

Find the missing numbers:

1) 100 + 70 + _____ + 6000 + 1 = 16171

2) _____ + 80 + 50000 + 2000 + 1 = 52581

3) 500 + 40 + 40000 + 8000 + _____ = 48547

4) 5000 + _____ + 20 + 7 + 50000 = 55127

5) 20000 + 900 + 70 + 8000 + _____ = 28972

6) 4 + 700 + _____ + 0 + 20000 = 25704

7) 400 + _____ + 4 + 5000 + 80 = 95484

8) 500 + 10 + 30000 + 9000 + _____ = 39510

9) 2000 + _____ + 90 + 8 + 20000 = 22898

10) 400 + _____ + 8 + 1000 + 90 = 81498

11) _____ + 30000 + 700 + 7000 + 2 = 37792

12) 6 + 900 + _____ + 20 + 10000 = 19926

CHAPTER 1 - PLACE VALUES

FIND THE MISSING PLACE VALUE FROM A 5-DIGIT NUMBER

Find the missing numbers:

1) 0 + 300 + _____ + 40000 + 90 = 44390

2) 1 + 400 + 2000 + _____ + 20 = 52421

3) _____ + 80 + 600 + 9000 + 40000 = 49688

4) 2000 + 700 + _____ + 8 + 40000 = 42708

5) _____ + 50 + 900 + 3000 + 30000 = 33953

6) 2 + _____ + 300 + 1000 + 20000 = 21352

7) 3 + 500 + _____ + 60000 + 80 = 68583

8) _____ + 50 + 500 + 0 + 30000 = 30559

9) 50 + _____ + 700 + 8000 + 9 = 98759

10) 6 + _____ + 300 + 6000 + 40000 = 46306

11) 80000 + 700 + 60 + 6000 + _____ = 86766

12) 80 + 80000 + 800 + 2000 + _____ = 82889

CHAPTER 1 - PLACE VALUES

WHAT NUMBER AM I?

1) I am a 7 digit number.

I have a 1 in my tens place.
I have a 4 in my ones place.
I have a 6 in my thousands place.
I have a 7 in my hundreds place.
I have a 9 in my millions place.
I have a 4 in my hundred thousands place.
I have a 8 in my ten thousands place.

What number am I?

_____

2) I am a 9 digit number.

I have a 5 in my ones place.
I have a 2 in my hundreds place.
I have a 3 in my tens place.
I have a 7 in my hundred millions place.
I have a 6 in my ten thousands place.
I have a 4 in my hundred thousands place.
I have a 9 in my ten millions place.
I have a 0 in my millions place.
I have a 8 in my thousands place.

What number am I?

_____

3) I am a 10 digit number.

I have a 3 in my hundreds place.
I have a 6 in my tens place.
I have a 7 in my ones place.
I have a 4 in my millions place.
I have a 2 in my ten thousands place.
I have a 9 in my hundred thousands place.
I have a 1 in my thousands place.
I have a 5 in my billions place.
I have a 8 in my ten millions place.
I have a 0 in my hundred billions place.

What number am I?

_____

4) I am a 8 digit number.

I have a 4 in my ten thousands place.
I have a 6 in my hundred thousands place.
I have a 5 in my hundreds place.
I have a 0 in my ones place.
I have a 2 in my thousands place.
I have a 9 in my tens place.
I have a 3 in my millions place.
I have a 1 in my ten millions place.

What number am I?

_____

CHAPTER 1 - PLACE VALUES

WHAT NUMBER AM I?

1) I am a 8 digit number.

I have a 8 in my millions place.
I have a 2 in my tens place.
I have a 0 in my hundreds place.
I have a 5 in my ten thousands place.
I have a 3 in my thousands place.
I have a 7 in my hundred thousands place.
I have a 9 in my ones place.
I have a 4 in my ten millions place.

What number am I?

_____

2) I am a 10 digit number.

I have a 9 in my billions place.
I have a 5 in my thousands place.
I have a 1 in my hundreds place.
I have a 8 in my tens place.
I have a 0 in my ten thousands place.
I have a 3 in my hundred thousands place.
I have a 7 in my ten millions place.
I have a 6 in my millions place.
I have a 2 in my ones place.
I have a 4 in my hundred millions place.

What number am I?

_____

3) I am a 9 digit number.

I have a 5 in my hundred thousands place.
I have a 9 in my ten thousands place.
I have a 8 in my ones place.
I have a 7 in my tens place.
I have a 2 in my thousands place.
I have a 4 in my hundreds place.
I have a 3 in my ten millions place.
I have a 1 in my millions place.
I have a 6 in my hundred millions place.

What number am I?

_____

4) I am a 7 digit number.

I have a 2 in my millions place.
I have a 4 in my tens place.
I have a 8 in my hundreds place.
I have a 1 in my hundred thousands place.
I have a 3 in my ten thousands place.
I have a 7 in my thousands place.
I have a 6 in my ones place.

What number am I?

_____

CHAPTER 1 - PLACE VALUES

WHAT NUMBER AM I?

1) I am a 9 digit number.

I have a 3 in my hundreds place.
I have a 6 in my tens place.
I have a 7 in my thousands place.
I have a 4 in my ones place.
I have a 1 in my ten thousands place.
I have a 5 in my hundred thousands place.
I have a 8 in my hundred millions place.
I have a 0 in my ten millions place.
I have a 9 in my millions place.

What number am I?

_____

2) I am a 8 digit number.

I have a 7 in my ones place.
I have a 5 in my tens place.
I have a 8 in my millions place.
I have a 9 in my thousands place.
I have a 2 in my ten thousands place.
I have a 6 in my hundred thousands place.
I have a 4 in my hundreds place.
I have a 5 in my ten millions place.

What number am I?

_____

3) I am a 7 digit number.

I have a 5 in my ten thousands place.
I have a 6 in my hundreds place.
I have a 2 in my hundred thousands place.
I have a 1 in my thousands place.
I have a 7 in my millions place.
I have a 3 in my tens place.
I have a 8 in my ones place.

What number am I?

_____

4) I am a 10 digit number.

I have a 4 in my billions place.
I have a 9 in my tens place.
I have a 5 in my ones place.
I have a 2 in my thousands place.
I have a 6 in my hundred thousands place.
I have a 7 in my ten thousands place.
I have a 3 in my millions place.
I have a 8 in my ten millions place.
I have a 1 in my hundred millions place.
I have a 0 in my hundreds place.

What number am I?

_____

CHAPTER 1 - PLACE VALUES

WHAT NUMBER AM I?

1) I am a 10 digit number.

I have a 8 in my hundred millions place.
I have a 5 in my hundreds place.
I have a 1 in my tens place.
I have a 4 in my ten thousands place.
I have a 3 in my thousands place.
I have a 2 in my millions place.
I have a 0 in my hundred thousands place.
I have a 9 in my ten millions place.
I have a 7 in my billions place.
I have a 6 in my ones place.

What number am I?

_____

2) I am a 7 digit number.

I have a 0 in my ones place.
I have a 4 in my tens place.
I have a 9 in my hundreds place.
I have a 6 in my millions place.
I have a 3 in my ten thousands place.
I have a 5 in my hundred thousands place.
I have a 8 in my thousands place.

What number am I?

_____

3) I am a 8 digit number.

I have a 9 in my ones place.
I have a 1 in my hundreds place.
I have a 2 in my tens place.
I have a 0 in my millions place.
I have a 8 in my ten thousands place.
I have a 7 in my hundred thousands place.
I have a 5 in my thousands place.
I have a 3 in my ten millions place.

What number am I?

_____

4) I am a 9 digit number.

I have a 2 in my ones place.
I have a 0 in my thousands place.
I have a 8 in my hundreds place.
I have a 6 in my ten thousands place.
I have a 7 in my tens place.
I have a 4 in my millions place.
I have a 9 in my hundred thousands place.
I have a 5 in my hundred millions place.
I have a 1 in my ten millions place.

What number am I?

_____

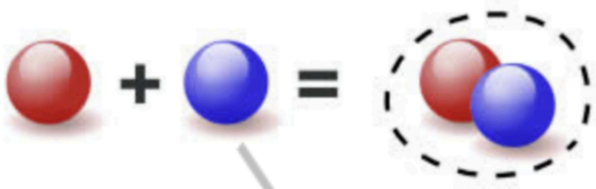
CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

Addition is ...

... bringing two or more numbers (or things) together to make a new total.

Here 1 ball is added to 1 ball to make 2 balls:

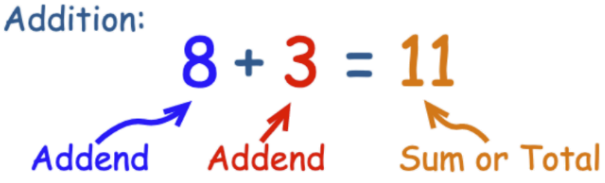


Using Numerals it is: **1 + 1 = 2**

And in words it is: "One plus one equals two"

Other names for Addition are **Sum, Plus, Increase, Total**

And the numbers to be added together are called the "**Addends**":



CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

Column Addition without Carry

Step 1: Line up the numbers, using your knowledge of place values
Step 2: Starting from the ones column, add the two digits.
Step 3: Now the tens column, add the two digits.
Step 4: Now the hundreds column, add the two digits and so on.

$$\begin{array}{r} 253 \\ +\ 434 \\ \hline 687 \end{array}$$

Column Addition with Carry

Step 1: Line up the numbers, using your knowledge of place value
Step 2: Starting from the ones column, add the two digits. 7+6 is 13. The 3 stays in the ones column and the 1 (ten) goes into the tens column, at the top.

Step 3: Now the tens column, 5+5 = 10 then add the 1 from the top. This totals 11.

Step 4: The 1 stays in the tens column and the other 1 goes in the hundreds column.

Step 5: Add up the last column.

$$\begin{array}{r} {\scriptstyle 1\ \ 1\ \ } \\ 457 \\ +\ 356 \\ \hline 813 \end{array}$$

ADDING THREE 3-DIGIT NUMBERS IN COLUMNS

Find the sum.

1. 292 + 451 + 379 = _____

2. 64 + 982 + 352 = _____

3. 651 + 849 + 535 = _____

4. 921 + 542 + 381 = _____

5. 169 + 281 + 188 = _____

6. 727 + 865 + 750 = _____

7. 354 + 235 + 898 = _____

8. 674 + 310 + 553 = _____

9. 838 + 396 + 639 = _____

10. 222 + 514 + 486 = _____

11. 228 + 597 + 149 = _____

12. 878 + 380 + 175 = _____

13. 251 + 751 + 175 = _____

14. 246 + 512 + 420 = _____

15. 454 + 326 + 925 = _____

16. 621 + 294 + 156 = _____

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

ADDING 4-DIGIT NUMBERS IN COLUMNS

Find the sum.

1. 2,650 + 9,322 = _____

2. 1,145 + 4,032 = _____

3. 6,240 + 6,546 = _____

4. 2,589 + 8,747 = _____

5. 1,486 + 3,472 = _____

6. 4,807 + 1,622 = _____

7. 9,820 + 5,943 = _____

8. 6,000 + 4,247 = _____

9. 7,997 + 8,657 = _____

10. 8,235 + 6,245 = _____

11. 9,064 + 9,215 = _____

12. 3,858 + 7,385 = _____

13. 2,324 + 8,741 = _____

14. 8,423 + 7,291 = _____

15. 2,025 + 921 = _____

16. 3,411 + 3,470 = _____

ADDING 4-DIGIT NUMBERS IN COLUMNS

Find the sum.

1.
$$\begin{array}{r} 5{,}263 \\ 1{,}370 \\ 8{,}361 \\ +\ 1{,}266 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 809 \\ 4{,}751 \\ 4{,}744 \\ +\ 4{,}708 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 1{,}669 \\ 2{,}715 \\ 3{,}604 \\ +\ 5{,}508 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1{,}265 \\ 3{,}190 \\ 2{,}308 \\ +\ 9{,}187 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 2{,}954 \\ 2{,}577 \\ 5{,}966 \\ +\ 6{,}023 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4{,}550 \\ 1{,}313 \\ 2{,}104 \\ +\ 7{,}497 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 7{,}994 \\ 6{,}711 \\ 6{,}302 \\ +\ 3{,}611 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 6{,}997 \\ 692 \\ 5{,}833 \\ +\ 1{,}795 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 7{,}252 \\ 6{,}927 \\ 3{,}548 \\ +\ 7{,}331 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 2{,}575 \\ 2{,}229 \\ 2{,}374 \\ +\ 8{,}615 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 8{,}832 \\ 7{,}788 \\ 4{,}467 \\ +\ 4{,}993 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 5{,}900 \\ 5{,}204 \\ 3{,}539 \\ +\ 6{,}173 \\ \hline \end{array}$$

ADDING 4-DIGIT NUMBERS IN COLUMNS

Find the sum.

1.
$$\begin{array}{r} 7{,}190 \\ 2{,}106 \\ 2{,}549 \\ +\ 2{,}952 \\ \hline \\ \end{array}$$

2.
$$\begin{array}{r} 845 \\ 8{,}184 \\ 7{,}005 \\ +\ 4{,}346 \\ \hline \\ \end{array}$$

3.
$$\begin{array}{r} 1{,}336 \\ 3{,}250 \\ 2{,}178 \\ +\ 8{,}242 \\ \hline \\ \end{array}$$

4.
$$\begin{array}{r} 9{,}827 \\ 4{,}390 \\ 5{,}649 \\ +\ 5{,}530 \\ \hline \\ \end{array}$$

5.
$$\begin{array}{r} 2{,}592 \\ 2{,}853 \\ 183 \\ +\ 7{,}684 \\ \hline \\ \end{array}$$

6.
$$\begin{array}{r} 5{,}030 \\ 9{,}824 \\ 3{,}345 \\ +\ 4{,}628 \\ \hline \\ \end{array}$$

7.
$$\begin{array}{r} 1{,}312 \\ 5{,}954 \\ 3{,}044 \\ +\ 6{,}125 \\ \hline \\ \end{array}$$

8.
$$\begin{array}{r} 4{,}799 \\ 2{,}338 \\ 9{,}710 \\ +\ 9{,}165 \\ \hline \\ \end{array}$$

9.
$$\begin{array}{r} 4{,}222 \\ 5{,}385 \\ 284 \\ +\ 283 \\ \hline \\ \end{array}$$

10.
$$\begin{array}{r} 207 \\ 4{,}710 \\ 4{,}534 \\ +\ 1{,}191 \\ \hline \\ \end{array}$$

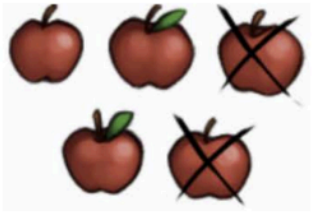
11.
$$\begin{array}{r} 3{,}102 \\ 9{,}697 \\ 1{,}082 \\ +\ 3{,}684 \\ \hline \\ \end{array}$$

12.
$$\begin{array}{r} 355 \\ 3{,}494 \\ 240 \\ +\ 2{,}629 \\ \hline \\ \end{array}$$

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

Subtraction is ...

... taking one number away from another.



Start with 5 apples,

then **subtract 2**,

we are left with 3 apples.

This can be written:

$$5 - 2 = 3$$

Names

Other names used in subtraction are **Minus, Less, Difference, Decrease, Take Away, Deduct.**

The names of the numbers in a subtraction fact are:

Subtraction:

$$8 - 3 = 5$$

Minuend Subtrahend Difference

Minuend – Subtrahend = Difference

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

Column Subtracting

Step 1: Line the numbers up, using your knowledge of place value.
Make sure the larger number is on the top.

Step 2: Starting from the ones column, subtract the 2 digits.
2 – 1=1, so write 1 in the ones column.

Step 3: Now the tens column: subtract the 2 digits.
3 - 2 = 1, so write 1 in the tens column.

Step 4: Finally, subtract the 2 digits in the hundreds column.
4 – 3 = 1, so write 1 in the hundreds column.

$$\begin{array}{r} 432 \\ -321 \\ \hline 111 \end{array}$$

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

Column Subtraction with Borrowing

Step 1: Line the numbers up, using your knowledge of place value.
Make sure the larger number is on the top.

Step 2: Starting from the ones column, subtract the 2 digits.
Unfortunately, you cannot take 7 away from 6.
You have to borrow from the tens column.
Cross out the 3 and write a 2.
You then write the borrowed 1 above the 6.
This now makes 16.
16 – 7 = 9.

Step 3: Now the tens column:
You can't do 2 – 4, so you have to borrow from the hundreds column.
Cross out the 6 and put a 5.
Now the tens columns becomes 12.
12 – 4 = 8

Step 4: Finally, take the 2 away from the 5, which equals 3.

$$\begin{array}{r} {\scriptstyle 5\ \ 12\ \ 1} \\ 6\not{3}6 \\ -\ 247 \\ \hline 389 \end{array}$$

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

2-DIGIT SUBTRACTION

1) 72 − 60 =
2) 34 − 31 =
3) 67 − 53 =

4) 49 − 42 =
5) 87 − 75 =
6) 55 − 30 =

7) 15 − 14 =
8) 59 − 40 =
9) 76 − 64 =

10) 68 − 56 =
11) 21 − 11 =
12) 38 − 20 =

13) 86 − 83 =
14) 98 − 57 =
15) 17 − 12 =

16) 23 − 10 =
17) 45 − 24 =
18) 99 − 96 =

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

MISSING DIGITS

Find the missing digit in each problem.

1) $97 - 8\_ = 14$

2) $\_4 - 58 = 6$

3) $3\_ - 12 = 20$

4) $81 - \_3 = 48$

5) $44 - \_3 = 31$

6) $96 - 8\_ = 12$

7) $7\_ - 37 = 42$

8) $52 - 2\_ = 29$

9) $\_3 - 67 = 16$

10) $69 - \_7 = 32$

11) $1\_ - 15 = 2$

12) $76 - 6\_ = 8$

13) $6\_ - 33 = 34$

14) $85 - 1\_ = 66$

15) $50 - \_2 = 28$

16) $\_4 - 16 = 78$

17) $25 - 1\_ = 15$

18) $\_2 - 34 = 8$

19) $7\_ - 17 = 58$

20) $59 - \_8 = 21$

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

SUBTRACTION DRILL

1) 974 − 652	2) 579 − 447	3) 746 − 534	4) 289 − 126	5) 655 − 414
6) 427 − 314	7) 272 − 162	8) 968 − 744	9) 796 − 563	10) 387 − 225
11) 682 − 461	12) 958 − 745	13) 546 − 322	14) 377 − 270	15) 894 − 653
16) 890 − 570	17) 483 − 352	18) 278 − 145	19) 634 − 423	20) 729 − 214
21) 345 − 321	22) 837 − 725	23) 699 − 478	24) 458 − 135	25) 578 − 257

DECIMAL ADDITION - THOUSANDTHS

1)	4.251	2)	16.435	3)	20.589
	+ 83.709		+ 50.187		+ 1.326
4)	92.849	5)	6.297	6)	0.403
	+ 5.067		+ 4.985		+ 22.689
7)	7.012	8)	28.766	9)	1.901
	+ 49.683		+ 30.432		+ 6.085
0)	34.068	11)	5.376	12)	82.014
	+ 90.274		+ 60.892		+ 7.463
3)	88.257	14)	58.768	15)	9.852
	+ 71.466		+ 0.793		+ 86.547

DECIMAL ADDITION - THOUSANDTHS

1)
$$\begin{array}{r} 691.047 \\ 800.598 \\ +\ 224.019 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 70.923 \\ 48.182 \\ +\ 479.695 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 12.826 \\ 324.609 \\ +\ 54.418 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 8.252 \\ 92.103 \\ +\ 10.982 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 121.704 \\ 713.127 \\ +\ 2.531 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 85.643 \\ 336.574 \\ +\ 960.096 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 6.036 \\ 549.571 \\ +\ 1.364 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 68.829 \\ 21.251 \\ +\ 84.368 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 3.345 \\ 40.952 \\ +\ 5.098 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 2.358 \\ 9.807 \\ +\ 4.163 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 76.026 \\ 8.495 \\ +\ 20.718 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 58.361 \\ 650.409 \\ +\ 8.917 \\ \hline \end{array}$$

DECIMAL ADDITION - THOUSANDTHS

1)
$$\begin{array}{r} 354.16 \\ 97.284 \\ 1.435 \\ +\ 526.9 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 6.732 \\ 85.309 \\ 419.26 \\ +\ 682.147 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 24.594 \\ 713.61 \\ 59.346 \\ +\ 40.275 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 81.542 \\ 3.9 \\ 254.3 \\ +\ 728.604 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 926.851 \\ 42.713 \\ 587.024 \\ +\ 231.96 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 5.275 \\ 648.869 \\ 92.13 \\ +\ 831.451 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 693.784 \\ 5.24 \\ 27.853 \\ +\ 72.192 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 348.95 \\ 91.76 \\ 412.698 \\ +\ 750.84 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 61.4 \\ 172.081 \\ 316.97 \\ +\ 683.546 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 521.39 \\ 309.835 \\ 76.147 \\ +\ 957.25 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 8.146 \\ 732.6 \\ 409.567 \\ +\ 27.418 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 428.159 \\ 974.23 \\ 280.514 \\ +\ 721.67 \\ \hline \end{array}$$

CHAPTER 2 - ADDING & SUBTRACTING WHOLE NUMBERS

MISSING DIGITS

Fill in the missing digits to make the decimal addition true.

1) 16_.588 + 92.9_ = 2_3.528

2) _2.13 + 606.8_ = 65_.94

3) 38._17 + 794.3_6 = 83_.00_

4) 75.62_ + 1.0_2 = _6._48

5) 89_.456 + 31._09 = _29.265

6) 94.16 + _27.4 = 62_.56

7) _82.3 + 21_.796 = 896.0_6

8) 2_5.78 + _58._62 = 694.14_

9) 11_.521 + 6_5.47 = _93.991

10) 9_.047 + 71.1_ = 1_2._67

11) 48._5 + 1_2.273 = 161.1_3

12) 585.1_ + 2_.651 = 6_1._71

DECIMAL SUBTRACTION - THOUSANDTHS

1) 168.026 − 59.378	2) 491.803 − 9.456	3) 214.375 − 15.621
4) 507.934 − 80.215	5) 873.145 − 215.783	6) 370.687 − 1.932
7) 962.891 − 4.567	8) 95.712 − 73.849	9) 836.258 − 357.104
10) 8.452 − 3.093	11) 356.213 − 45.872	12) 675.586 − 7.935
13) 740.829 − 461.761	14) 538.107 − 6.594	15) 22.065 − 0.347

DECIMAL SUBTRACTION

1) 8.185 − 0.3

2) 32.564 − 16.09

3) 17.68 − 4.92

4) 189.609 − 26.754

5) 964.85 − 480.7

6) 724.1 − 6.6

7) 75.29 − 9.843

8) 871.42 − 90.32

9) 5.259 − 4.731

10) 60.4 − 40.95

11) 26.1 − 0.786

12) 531.08 − 257.467

13) 652.746 − 153.59

14) 6.2 − 3.5

15) 95.824 − 36.9

DECIMAL SUBTRACTION - THOUSANDTHS

1) 31.566 − 17.472	2) 84.364 − 40.987	3) 92.821 − 61.045
4) 63.915 − 48.745	5) 52.409 − 35.678	6) 48.719 − 29.361
7) 22.178 − 13.096	8) 45.251 − 37.863	9) 53.475 − 46.129
10) 97.431 − 54.808	11) 73.186 − 54.351	12) 61.508 − 32.913
13) 75.284 − 69.729	14) 62.705 − 46.538	15) 89.623 − 73.297

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 5,789 × 5	2) 9,505 × 7	3) 683 × 6	4) 4,826 × 8
5) 783 × 9	6) 6,820 × 1	7) 9,125 × 4	8) 126 × 3
9) 2,916 × 2	10) 391 × 8	11) 7,638 × 5	12) 4,273 × 7
13) 3,298 × 4	14) 5,184 × 9	15) 973 × 6	16) 8,190 × 1
17) 251 × 8	18) 9,274 × 2	19) 777 × 3	20) 6,489 × 5
21) 8,344 × 7	22) 542 × 4	23) 2,187 × 6	24) 708 × 9

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 345 × 2	2) 1,498 × 8	3) 412 × 7	4) 9,359 × 4
5) 2,640 × 5	6) 946 × 3	7) 8,147 × 9	8) 376 × 1
9) 109 × 2	10) 3,906 × 6	11) 648 × 8	12) 7,000 × 7
13) 4,151 × 4	14) 875 × 5	15) 6,892 × 3	16) 9,523 × 9
17) 1,378 × 2	18) 3,605 × 1	19) 300 × 7	20) 4,899 × 8
21) 294 × 6	22) 8,120 × 5	23) 5,676 × 4	24) 567 × 2

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 829 × 40

2) 362 × 15

3) 491 × 29

4) 215 × 36

5) 951 × 84

6) 536 × 60

7) 158 × 72

8) 692 × 57

9) 726 × 93

10) 814 × 49

11) 372 × 35

12) 487 × 18

13) 180 × 31

14) 698 × 26

15) 500 × 54

16) 285 × 68

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 416×48

2) 501×16

3) 374×27

4) 239×92

5) 967×34

6) 143×86

7) 638×75

8) 821×63

9) 769×55

10) 541×29

11) 245×17

12) 910×42

13) 307×76

14) 436×82

15) 983×31

16) 119×65

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 2,367 × 56

2) 61,120 × 28

3) 4,342 × 37

4) 35,674 × 75

5) 5,468 × 69

6) 78,276 × 92

7) 8,196 × 53

8) 92,034 × 80

9) 6,810 × 19

10) 74,582 × 28

11) 1,640 × 35

12) 83,999 × 78

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

MULTIPLICATION

1) 12,492 × 45

2) 6,192 × 36

3) 53,476 × 77

4) 8,104 × 92

5) 73,438 × 81

6) 2,130 × 62

7) 92,603 × 43

8) 5,142 × 17

9) 74,267 × 38

10) 4,201 × 29

11) 6,084 × 70

12) 27,379 × 83

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

3-DIGIT MULTIPLICATION

1) 357×268

2) 858×501

3) 140×930

4) 415×590

5) 355×144

6) 431×615

7) 712×999

8) 274×230

9) 541×827

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

3-DIGIT MULTIPLICATION

1) 837 × 579

2) 773 × 412

3) 632 × 246

4) 847 × 710

5) 325 × 380

6) 722 × 490

7) 647 × 260

8) 590 × 417

9) 926 × 821

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

3-DIGIT BY 2-DIGIT MULTIPLICATION

1) A distilled water supplier supplies an average of 57 cans of water a day to a medium-scale company. Find the number of cans it would sell in a leap year?

_____

2) Bennett, a craftsman receives an order to silver-plate 103 teapots. He charges $32 to silver-plate a teapot. How much is the order worth?

_____

3) A private art gallery managed to sell a total of 98 paintings in one day. The sales averaged out to $482 per painting. Find the revenue generated from the sales made by the art gallery?

_____

4) A team of soccer players spend an average of 15 minutes on weight training per practice session. How many minutes of weight training on an average would they have completed in 116 practice sessions?

_____

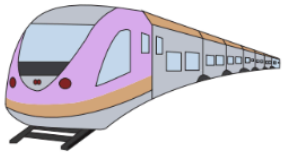
5) A semiskilled worker in a steel manufacturing company earns $79 as daily wages. How much will the company need to pay 313 such workers employed with them?

_____

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

3-DIGIT BY 2-DIGIT MULTIPLICATION

1) A train that connects two towns has 42 stops on its route. The train halts for 154 seconds at each stop. How many seconds in total would the train halt during the entire journey?



_____

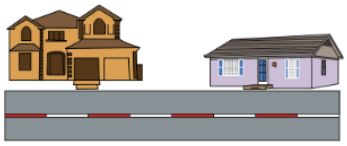
2) A firework factory sells 50 packs of cherry bombs in a carton. How many packs of cherry bombs will be found in 250 such cartons?

_____

3) The church hall has 108 rows. Each row can accomodate 25 people. What is the total capacity of the church hall?

_____

4) Kenny's and Nancy's home towns are 478 miles apart. Kenny's and Michael's home towns are separated by 12 times that distance. What is the distance between Kenny's and Michael's home towns?



_____

5) A barbecue restaurant chargrills an average of 78 pounds of chicken in a day. Find the amount of chicken, the restaurant would require for 287 days?

_____

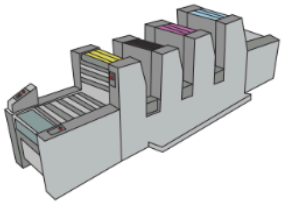
CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

3-DIGIT BY 2-DIGIT MULTIPLICATION

1) Rachel sells oval pot planters. A particular variety was priced at $109. She sold 110 such pot planters. What was the revenue generated from the sales she made?

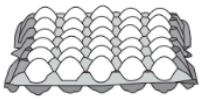
_____

2) A web offset printer can print 500 copies in one minute. How many copies can be produced in 120 minutes?



_____

3) A distributor supplies an average of 108 dozens of eggs in a locality per day. Find the average dozens of eggs supplied in 130 days?

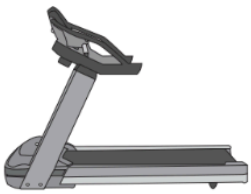


_____

4) A public library has 126 bookshelves. If each shelf holds 354 books each, how many books in all does the library accommodate?

_____

5) Julia uses the treadmill and sets a target to burn 550 calories a day. How many calories can she burn in 145 days if she strictly sticks to her target?

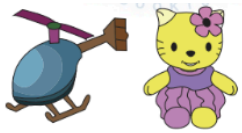


_____

CHAPTER 3 - MULTIPLYING WHOLE NUMBERS

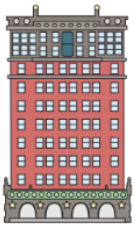
3-DIGIT BY 2-DIGIT MULTIPLICATION

1) A toy manufacturing unit produces 926 toys in a day. How many toys will the unit manufacture in 182 days?



_____

2) There are 102 apartments in each block of a gated community. How many apartments will be found in a total of 101 blocks?

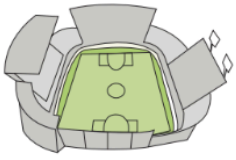


_____

3) A rain barrel at Sarah's house holds up to 125 gallons of water. How many gallons c water will 214 such rain barrels hold?

_____

4) A school football stadium has 109 rows in all. Each row can accommodate 650 people. What is the maximum seating capacity of the stadium?



_____

5) A supermarket places an order with a regional distributor for 178 packs of LEGO Friends play sets. If each set is priced at $119, what is the total worth of the transaction?

_____

CHAPTER 4 -
MULTIPLYING DECIMALS

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 2.3 × 6

2) 1.4 × 8

3) 0.8 × 4

4) 9.5 × 7

5) 4.4 × 3

6) 6.7 × 7

7) 1.7 × 9

8) 2.2 × 8

9) 3.9 × 5

10) 8.5 × 2

11) 9.1 × 3

12) 6.8 × 4

13) 0.5 × 8

14) 5.7 × 5

15) 2.6 × 6

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 9.7 × 5

2) 4.2 × 7

3) 2.7 × 3

4) 8.4 × 6

5) 3.4 × 2

6) 5.8 × 8

7) 6.2 × 7

8) 1.9 × 5

9) 0.6 × 9

10) 7.3 × 3

11) 8.6 × 4

12) 4.4 × 3

13) 9.2 × 7

14) 3.6 × 5

15) 0.2 × 8

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 4.12 × 3

2) 2.05 × 4

3) 7.56 × 7

4) 1.68 × 2

5) 5.14 × 9

6) 4.62 × 2

7) 2.45 × 6

8) 5.07 × 8

9) 7.31 × 7

10) 0.24 × 8

11) 3.49 × 2

12) 8.65 × 9

13) 9.87 × 4

14) 8.37 × 3

15) 7.24 × 5

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 7.06 × 5

2) 4.01 × 2

3) 1.99 × 4

4) 8.66 × 7

5) 4.09 × 8

6) 0.79 × 9

7) 1.23 × 6

8) 7.23 × 2

9) 0.07 × 7

10) 6.05 × 5

11) 9.97 × 6

12) 6.09 × 7

13) 7.88 × 3

14) 6.97 × 4

15) 1.81 × 2

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 3.7 × 45	2) 4.1 × 27	3) 7.2 × 73
4) 8.4 × 82	5) 5.2 × 56	6) 9.7 × 35
7) 6.4 × 24	8) 7.5 × 38	9) 8.9 × 77

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 4.5 × 52	2) 5.7 × 76	3) 7.5 × 97
4) 1.7 × 24	5) 8.7 × 33	6) 9.5 × 49
7) 6.2 × 87	8) 5.5 × 65	9) 3.6 × 28

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 3.45 × 13	2) 7.67 × 73	3) 5.34 × 25
4) 3.52 × 66	5) 5.13 × 87	6) 1.96 × 34
7) 6.06 × 47	8) 8.72 × 92	9) 9.06 × 54

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 1.57 × 23	2) 8.35 × 45	3) 4.87 × 67
4) 3.03 × 95	5) 9.21 × 13	6) 5.36 × 75
7) 2.86 × 53	8) 7.35 × 84	9) 1.88 × 19

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 9.8 × 7.9	2) 7.3 × 4.6	3) 0.3 × 7.7
4) 5.7 × 5.6	5) 2.3 × 1.7	6) 1.3 × 6.3
7) 2.7 × 7.3	8) 4.4 × 4.6	9) 3.8 × 4.8

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 3.1 × 2.6	2) 0.2 × 6.4	3) 5.7 × 7.2
4) 4.4 × 4.4	5) 6.3 × 3.7	6) 7.6 × 8.9
7) 8.8 × 7.6	8) 2.7 × 9.2	9) 9.6 × 2.5

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 2.34 × 9.3	2) 0.45 × 2.9	3) 1.75 × 4.6
4) 2.22 × 9.4	5) 7.97 × 6.6	6) 6.35 × 1.1
7) 4.67 × 7.8	8) 8.13 × 3.6	9) 3.87 × 2.1

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 5.95 × 9.9	2) 8.69 × 1.7	3) 0.67 × 6.9
4) 3.02 × 4.7	5) 1.51 × 5.6	6) 3.15 × 2.6
7) 4.81 × 6.2	8) 8.22 × 5.3	9) 9.85 × 8.4

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 4.15 × 9.23	2) 7.79 × 8.54	3) 5.98 × 2.67
4) 9.78 × 4.84	5) 2.44 × 8.45	6) 2.54 × 7.47
7) 1.93 × 9.61	8) 0.15 × 3.78	9) 8.26 × 1.04

CHAPTER 4 - MULTIPLYING DECIMALS

DECIMAL MULTIPLICATION

1) 7.32 × 3.95	2) 0.17 × 6.54	3) 3.76 × 9.17
4) 7.26 × 5.56	5) 6.46 × 0.71	6) 4.23 × 2.41
7) 2.88 × 3.33	8) 9.87 × 4.76	9) 7.05 × 2.87

CHAPTER 5 - NAPLAN

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

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $6\overline{)659}$

2) $4\overline{)942}$

3) $9\overline{)836}$

4) $5\overline{)243}$

5) $2\overline{)567}$

6) $7\overline{)489}$

7) $3\overline{)158}$

8) $8\overline{)639}$

9) $4\overline{)351}$

10) $9\overline{)680}$

11) $2\overline{)745}$

12) $6\overline{)934}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $12\overline{)786}$

2) $8\overline{)547}$

3) $3\overline{)933}$

4) $5\overline{)265}$

5) $8\overline{)170}$

6) $7\overline{)492}$

7) $2\overline{)354}$

8) $6\overline{)698}$

9) $6\overline{)807}$

10) $5\overline{)289}$

11) $4\overline{)856}$

12) $8\overline{)512}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $12\overline{)185}$

2) $8\overline{)697}$

3) $9\overline{)543}$

4) $6\overline{)959}$

5) $5\overline{)432}$

6) $7\overline{)338}$

7) $9\overline{)283}$

8) $8\overline{)840}$

9) $6\overline{)254}$

10) $6\overline{)441}$

11) $8\overline{)978}$

12) $4\overline{)796}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $5 \overline{)2,563}$

2) $6 \overline{)1,984}$

3) $8 \overline{)3,015}$

4) $3 \overline{)6,241}$

5) $2 \overline{)7,459}$

6) $9 \overline{)5,678}$

7) $8 \overline{)4,837}$

8) $7 \overline{)8,122}$

9) $4 \overline{)9,306}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $2 \overline{)2,236}$

2) $5 \overline{)7,670}$

3) $9 \overline{)5,243}$

4) $5 \overline{)6,534}$

5) $8 \overline{)8,512}$

6) $8 \overline{)3,198}$

7) $7 \overline{)9,471}$

8) $9 \overline{)4,277}$

9) $3 \overline{)1,235}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $6 \overline{)8,096}$

2) $8 \overline{)4,200}$

3) $9 \overline{)2,162}$

4) $1 \overline{)3,059}$

5) $6 \overline{)6,893}$

6) $3 \overline{)1,961}$

7) $8 \overline{)5,568}$

8) $7 \overline{)9,504}$

9) $5 \overline{)7,175}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $8 \overline{)95,742}$

2) $7 \overline{)81,491}$

3) $4 \overline{)64,514}$

4) $9 \overline{)76,887}$

5) $5 \overline{)39,380}$

6) $9 \overline{)22,103}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $7 \overline{)71,017}$

2) $2 \overline{)58,800}$

3) $2 \overline{)34,532}$

4) $3 \overline{)15,423}$

5) $8 \overline{)97,655}$

6) $8 \overline{)89,488}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) $2 \overline{)40,205}$

2) $9 \overline{)36,451}$

3) $6 \overline{)28,944}$

4) $7 \overline{)83,412}$

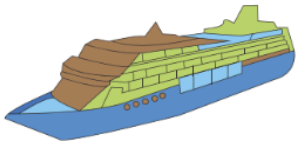
5) $2 \overline{)57,117}$

6) $4 \overline{)98,089}$

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

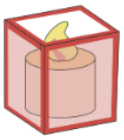
DIVISION

1) A small cruise liner employs 77 crew members. If 3 members share a cabin each, how many cabins are required to accommodate the crew? How many more crew members remain to be lodged?



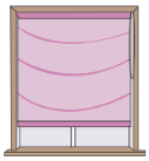
_____

2) Grace uses 66 glass-contained candles as centerpieces for a wedding reception. If they are to be spread equally over 9 long tables, how many centerpieces will each table be decorated with? How many centerpieces remain without being placed?



_____

3) Amarise bought 26 Roman blinds to be fitted equally across 12 windows of her house. How many blinds were used to dress each window? How many remain unused?



_____

4) Mrs. Fisher buys 60 copies of the "Anne of Green Gables" series to be distributed equally among 9 of her grandchildren. How many copies were distributed to each grandchild? How many copies remain with Mrs. Fisher?

_____

5) Ms. Stevens has 34 photo frames that need to be spread equally across the portico, foyer, and hall of her house. How many photo frames were putup in each of the three areas of the house? How many remain to be hung?

_____

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) The Hogwarts library has 15,852 reference books arranged in 6 racks equally. How many books does each rack hold?

_____

2) Jeremy withdrew $1,000 from his account. On his way home, he stopped at the local grocer's shop and exchanged the $1,000 bill for $5 bills. How many five dollar bills did Jeremy receive from the grocer?

_____

3) The E.T. parking facility at Universal Studios, Hollywood can accomodate up to 5,000 vehicles at a time. If the parking structure is 8 levels tall, how many vehicles can be parked on each level?

_____

4) Gina is employed by the Wilsons as a full-time babysitter. If she earns a total of $2,296 a month, how much will she earn in a week?

_____

5) A ski resort is spread over 5,288 acres. The resort is split equally into 4 key areas. How many acres will each key area comprise of?

_____

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

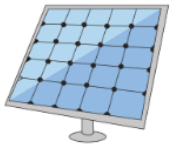
1) Five making lines in a chocolate factory can churn out 10,000 tons of liquid chocolate in a year. How many tons of liquid chocolate can one making line in the chocolate factory produce in a year?

_____

2) The Disney's All-Star Movies Resort at Orlando, FL has a total of 1,920 rooms spread over four floors. How many rooms does each floor have?

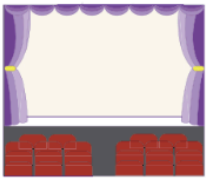
_____

3) Heather installed solar panels in her home. The total consumption of electricity in the month of June 2016 was 1,200 kWh. Calculate the average consumption of electricity per week for the month of June.



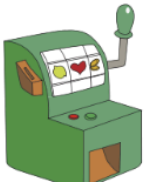
_____

4) The Big Bang Theater has a total seating capacity of 2,160 equally spread over 9 screens. How many seats can each screen accomodate?



_____

5) Mike, John and Ryan went on a three-day trip to Atlantic City. Mike won $93,381 at the slot machine in the airport. If Mike decides to split the money equally with his friends, what share will each person get?



_____

CHAPTER 6 - DIVISION USING WHOLE NUMBERS

DIVISION

1) Nina and Betty rented an apartment near Downtown Los Angeles. If they paid $11,460 towards rent for the first quarter, how much are they charged for each month by the landlord?

_____

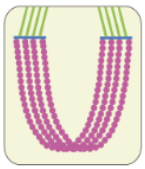
2) A ranch in Texas has a total of 1,266 horses. If they are sheltered equally in 6 barns, how many horses are housed in one barn?

_____

3) An orchard yields 1,463 apples in August 2016. They are packed into 7 boxes and delivered to a nearby supermarket. How many apples does each box contain?

_____

4) Anne uses 1,008 beads to make stranded necklaces for 9 of her friends. How many beads did Anne use for each necklace she made?



_____

5) A courier company delivers 1,456 packages in 8 days. If they delivered equal number of packages on all days, how many packages were delivered each day?

_____

CHAPTER 7 -
DIVISION USING DECIMALS

CHAPTER 7 - DIVISION USING DECIMALS

Divide

(a) $2\overline{)3.6}$ (b) $7\overline{)4.9}$ (c) $4\overline{)13.2}$ (d) $9\overline{)8.1}$

(e) $5\overline{)23.5}$ (f) $6\overline{)21.6}$ (g) $3\overline{)7.8}$ (h) $4\overline{)33.6}$

(i) $8\overline{)12.0}$ (j) $5\overline{)5.5}$ (k) $2\overline{)8.2}$ (l) $6\overline{)52.8}$

(m) $7\overline{)22.4}$ (n) $3\overline{)4.8}$ (o) $4\overline{)9.2}$ (p) $8\overline{)41.6}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide and Round to 2 Decimal Places

(a) $9\overline{)12.5}$ (b) $4\overline{)23.0}$ (c) $7\overline{)3.1}$ (d) $3\overline{)15.2}$

(e) $6\overline{)25.4}$ (f) $8\overline{)41.1}$ (g) $5\overline{)63.4}$ (h) $4\overline{)7.8}$

(i) $2\overline{)7.3}$ (j) $5\overline{)11.9}$ (k) $9\overline{)36.4}$ (l) $6\overline{)61.5}$

(m) $7\overline{)32.8}$ (n) $3\overline{)22.4}$ (o) $4\overline{)5.7}$ (p) $8\overline{)78.1}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

(a) $5\overline{)6.15}$ (b) $4\overline{)8.56}$ (c) $6\overline{)49.92}$ (d) $9\overline{)29.16}$

(e) $8\overline{)18.88}$ (f) $6\overline{)30.90}$ (g) $3\overline{)18.36}$ (h) $7\overline{)35.84}$

(i) $9\overline{)16.83}$ (j) $5\overline{)16.65}$ (k) $2\overline{)10.24}$ (l) $6\overline{)74.04}$

(m) $7\overline{)38.22}$ (n) $3\overline{)23.52}$ (o) $4\overline{)50.28}$ (p) $8\overline{)75.84}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide and Round to 2 Decimal Places

(a) $2\overline{)4.63}$ (b) $7\overline{)21.92}$ (c) $4\overline{)16.87}$ (d) $9\overline{)26.54}$

(e) $5\overline{)37.84}$ (f) $6\overline{)52.42}$ (g) $3\overline{)17.81}$ (h) $4\overline{)28.61}$

(i) $8\overline{)22.14}$ (j) $5\overline{)15.22}$ (k) $2\overline{)7.89}$ (l) $6\overline{)23.14}$

(m) $7\overline{)63.14}$ (n) $3\overline{)21.19}$ (o) $4\overline{)51.32}$ (p) $8\overline{)61.34}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

(a) $11\overline{)13.585}$ (b) $9\overline{)33.714}$ (c) $14\overline{)73.654}$

(d) $8\overline{)98.808}$ (e) $10\overline{)10.210}$ (f) $12\overline{)74.604}$

(g) $15\overline{)46.680}$ (h) $7\overline{)30.576}$ (i) $13\overline{)24.362}$

(j) $6\overline{)73.518}$ (k) $11\overline{)99.055}$ (l) $8\overline{)61.664}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide and Round to 2 Decimal Places

(a) $13\overline{)33.587}$ (b) $7\overline{)51.233}$ (c) $15\overline{)65.652}$

(d) $8\overline{)12.304}$ (e) $11\overline{)11.111}$ (f) $9\overline{)4.007}$

(g) $12\overline{)36.512}$ (h) $6\overline{)71.879}$ (i) $13\overline{)92.052}$

(j) $7\overline{)1.241}$ (k) $15\overline{)29.521}$ (l) $8\overline{)40.050}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

(a) $2.4 \div 0.3$ (b) $4.5 \div 0.5$ (c) $9.1 \div 0.7$ (d) $0.8 \div 0.1$

(e) $4.2 \div 0.6$ (f) $7.2 \div 0.8$ (g) $2.8 \div 0.2$ (h) $5.4 \div 0.9$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

(a) $1.68 \div 0.8$ (b) $14.28 \div 1.2$ (c) $20.46 \div 3$ (d) $19.32 \div 1.3$

(e) $11.40 \div 1.5$ (f) $9.52 \div 6$ (g) $3.04 \div 3$ (h) $19.38 \div 1.1$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

1) $9\overline{)31,721}$

2) $5\overline{)969,282}$

3) $7\overline{)7,327}$

4) $12\overline{)40,169}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

1) $6 \overline{)856,765}$

2) $6 \overline{)1,048}$

3) $3 \overline{)63,653}$

4) $8 \overline{)543,171}$

CHAPTER 7 - DIVISION USING DECIMALS

Divide

1) $9 \overline{)4,416}$

2) $6 \overline{)617,874}$

3) $4 \overline{)87,132}$

4) $7 \overline{)2,493}$

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

LISTING THE FACTORS

List out all possible factors for each number.

1) 88

2) 42

3) 64

4) 55

5) 100

6) 6

7) 76

8) 82

9) 60

10) 96

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

LISTING THE FACTORS

List out all possible factors for each number.

1) 50

2) 98

3) 72

4) 85

5) 26

6) 14

7) 66

8) 48

9) 36

10) 81

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

PRIME FACTORIZATION

Write each number in prime factor form.

1) 440

2) 164

3) 98

4) 100

5) 75

6) 356

7) 734

8) 568

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

PRIME FACTORIZATION

Write each number in prime factor form.

1) 540

2) 172

3) 363

4) 346

5) 68

6) 64

7) 676

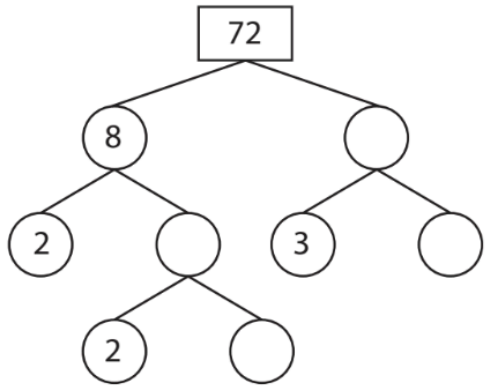
8) 232

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

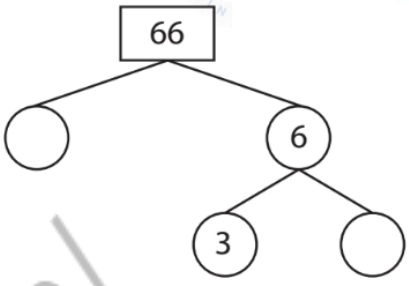
PRIME FACTOR TREE

Complete the prime factor tree for each number.

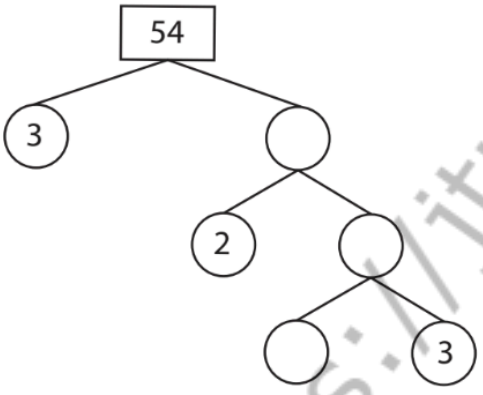
1)



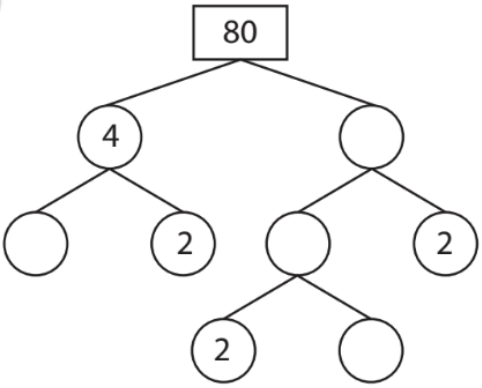
2)



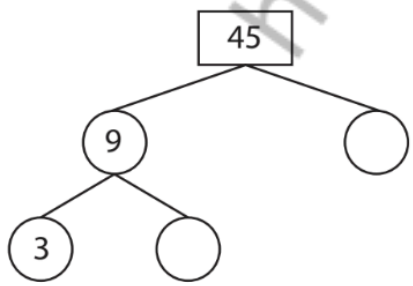
3)



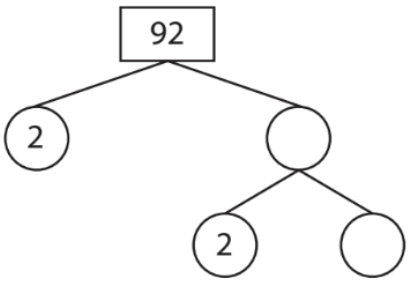
4)



5)



6)

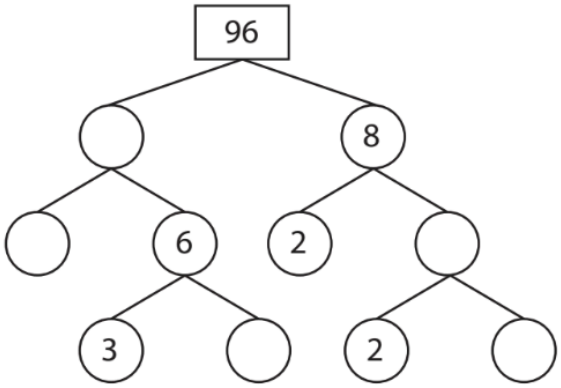


CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

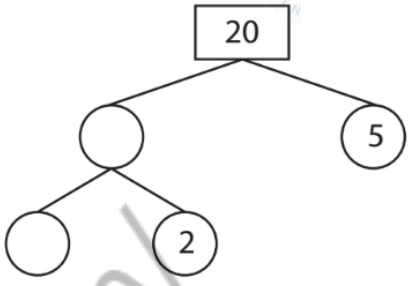
PRIME FACTOR TREE

Complete the prime factor tree for each number.

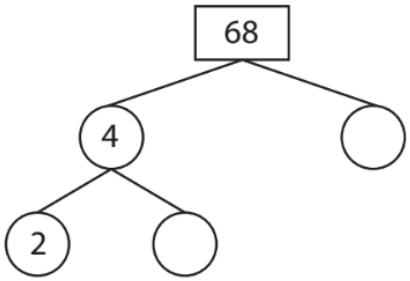
1)



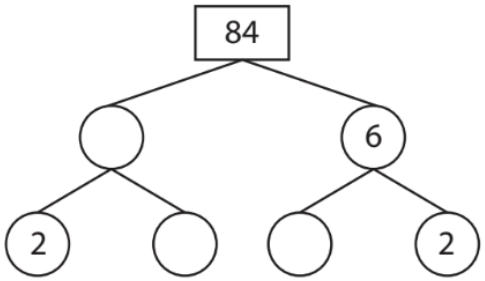
2)



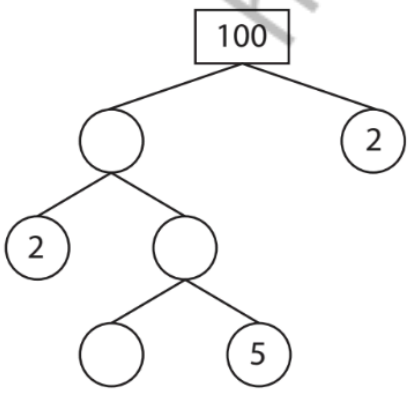
3)



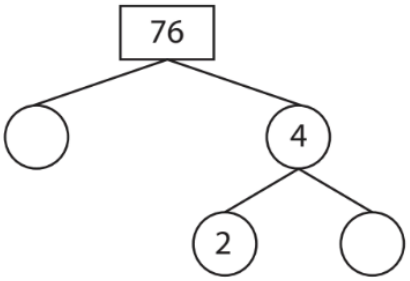
4)



5)



6)



CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

PRIME FACTOR TREE

Draw a prime factor tree for each number.

1) 56

2) 81

3) 90

4) 28

5) 66

6) 78

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

PRIME FACTOR TREE

Draw a prime factor tree for each number.

1) 98

2) 70

3) 84

4) 50

5) 44

6) 54

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

GREATEST COMMON FACTOR

Find the greatest common factor for each pair of numbers.

1) 28, 42

GCF(28, 42) = _____

2) 14, 63

GCF(14, 63) = _____

3) 96, 84

GCF(96, 84) = _____

4) 75, 30

GCF(75, 30) = _____

5) 9, 39

GCF(9, 39) = _____

6) 27, 54

GCF(27, 54) = _____

7) 72, 56

GCF(72, 56) = _____

8) 95, 19

GCF(95, 19) = _____

9) 34, 51

GCF(34, 51) = _____

10) 64, 48

GCF(64, 48) = _____

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

GREATEST COMMON FACTOR

Find the greatest common factor for each pair of numbers.

1) 35, 45

GCF(35, 45) = _____

2) 78, 52

GCF(78, 52) = _____

3) 24, 84

GCF(24, 84) = _____

4) 80, 60

GCF(80, 60) = _____

5) 77, 11

GCF(77, 11) = _____

6) 36, 90

GCF(36, 90) = _____

7) 81, 63

GCF(81, 63) = _____

8) 55, 75

GCF(55, 75) = _____

9) 39, 42

GCF(39, 42) = _____

10) 90, 60

GCF(90, 60) = _____

CHAPTER 8 - FACTORS & GREATEST COMMON FACTOR

GREATEST COMMON FACTOR

Find the greatest common factor for each pair of numbers.

1) 88, 66

GCF(88, 66) = _____

2) 95, 38

GCF(95, 38) = _____

3) 6, 27

GCF(6, 27) = _____

4) 56, 49

GCF(56, 49) = _____

5) 60, 45

GCF(60, 45) = _____

6) 42, 63

GCF(42, 63) = _____

7) 38, 40

GCF(38, 40) = _____

8) 81, 54

GCF(81, 54) = _____

9) 40, 80

GCF(40, 80) = _____

10) 46, 69

GCF(46, 69) = _____

CHAPTER 9 -
LOWEST COMMON MULTIPLE

CHAPTER 9 - LOWEST COMMON MULTIPLE

COMMON MULTIPLES

List out the first two common multiples for each pair of numbers.

1) 3, 4

Multiples of 3 : _____

Multiples of 4 : _____

Common multiples : _____ and _____

2) 2, 5

Multiples of 2 : _____

Multiples of 5 : _____

Common multiples : _____ and _____

3) 12, 8

Multiples of 12 : _____

Multiples of 8 : _____

Common multiples : _____ and _____

4) 4, 6

Multiples of 4 : _____

Multiples of 6 : _____

Common multiples : _____ and _____

5) 5, 3

Multiples of 5 : _____

Multiples of 3 : _____

Common multiples : _____ and _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

COMMON MULTIPLES

List out the first two common multiples for each pair of numbers.

1) 6, 9

Multiples of 6 : _____

Multiples of 9 : _____

Common multiples : _____ and _____

2) 10, 2

Multiples of 10 : _____

Multiples of 2 : _____

Common multiples : _____ and _____

3) 9, 12

Multiples of 9 : _____

Multiples of 12 : _____

Common multiples : _____ and _____

4) 2, 8

Multiples of 2 : _____

Multiples of 8 : _____

Common multiples : _____ and _____

5) 12, 6

Multiples of 12 : _____

Multiples of 6 : _____

Common multiples : _____ and _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

COMMON MULTIPLES

List out the first two common multiples for each pair of numbers.

1) 8, 6

Multiples of 8 : _____

Multiples of 6 : _____

Common multiples : _____ and _____

2) 9, 3

Multiples of 9 : _____

Multiples of 3 : _____

Common multiples : _____ and _____

3) 10, 8

Multiples of 10 : _____

Multiples of 8 : _____

Common multiples : _____ and _____

4) 6, 2

Multiples of 6 : _____

Multiples of 2 : _____

Common multiples : _____ and _____

5) 4, 12

Multiples of 4 : _____

Multiples of 12 : _____

Common multiples : _____ and _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

LEAST COMMON MULTIPLES

Find the least common multiple of each pair of numbers.

1) 9, 15

LCM(9, 15) = _____

2) 4, 8

LCM(4, 8) = _____

3) 18, 3

LCM(18, 3) = _____

4) 22, 6

LCM(22, 6) = _____

5) 9, 21

LCM(9, 21) = _____

6) 2, 3

LCM(2, 3) = _____

7) 14, 4

LCM(14, 4) = _____

8) 5, 25

LCM(5, 25) = _____

9) 7, 6

LCM(7, 6) = _____

10) 12, 20

LCM(12, 20) = _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

LEAST COMMON MULTIPLES

Find the least common multiple of each pair of numbers.

1) 27, 9

LCM(27, 9) = _____

2) 6, 20

LCM(6, 20) = _____

3) 16, 12

LCM(16, 12) = _____

4) 15, 3

LCM(15, 3) = _____

5) 4, 18

LCM(4, 18) = _____

6) 7, 16

LCM(7, 16) = _____

7) 9, 10

LCM(9, 10) = _____

8) 14, 12

LCM(14, 12) = _____

9) 18, 6

LCM(18, 6) = _____

10) 2, 22

LCM(2, 22) = _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

LEAST COMMON MULTIPLES

Find the least common multiple of each pair of numbers.

1) 5, 6

LCM(5, 6) = _____

2) 8, 22

LCM(8, 22) = _____

3) 12, 18

LCM(12, 18) = _____

4) 14, 20

LCM(14, 20) = _____

5) 15, 5

LCM(15, 5) = _____

6) 16, 10

LCM(16, 10) = _____

7) 6, 16

LCM(6, 16) = _____

8) 4, 9

LCM(4, 9) = _____

9) 24, 9

LCM(24, 9) = _____

10) 14, 8

LCM(14, 8) = _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

LEAST COMMON MULTIPLES

Find the least common multiple of each pair of numbers.

1) 54, 14

LCM(54, 14) = _____

2) 12, 60

LCM(12, 60) = _____

3) 15, 95

LCM(15, 95) = _____

4) 38, 6

LCM(38, 6) = _____

5) 81, 9

LCM(81, 9) = _____

6) 8, 46

LCM(8, 46) = _____

7) 11, 22

LCM(11, 22) = _____

8) 36, 88

LCM(36, 88) = _____

9) 24, 78

LCM(24, 78) = _____

10) 10, 65

LCM(10, 65) = _____

CHAPTER 9 - LOWEST COMMON MULTIPLE

LEAST COMMON MULTIPLES

Find the least common multiple of each pair of numbers.

1) 49, 84

LCM(49, 84) = _____

2) 69, 12

LCM(69, 12) = _____

3) 6, 72

LCM(6, 72) = _____

4) 14, 25

LCM(14, 25) = _____

5) 84, 40

LCM(84, 40) = _____

6) 54, 16

LCM(54, 16) = _____

7) 9, 23

LCM(9, 23) = _____

8) 15, 90

LCM(15, 90) = _____

9) 36, 24

LCM(36, 24) = _____

10) 8, 54

LCM(8, 54) = _____

CHAPTER 10 - ICAS

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