

This 11 Plus Practice paper is designed to help gifted and talented children between the ages of 9 and 11. It will help parents to find areas where their children need extra tuition. It can be used with the free tuition lessons and worksheets found on the website. Each question tells you the tuition lesson and worksheets that will help your children. This is not a timed paper.

Q1. Mr Fletcher bought 153 pencils for class 4TF. They come in boxes of 17 pencils.

How many boxes of pencils did Mr Fletcher buy?

Answer 9

(Lesson High Level Division)

Q2. Bryan has a snack each weekday at school during a six week half term. He pays £0.40 each day.

How much does he pay during the half term?

Answer 12

(Lesson Multiplication of Decimals)

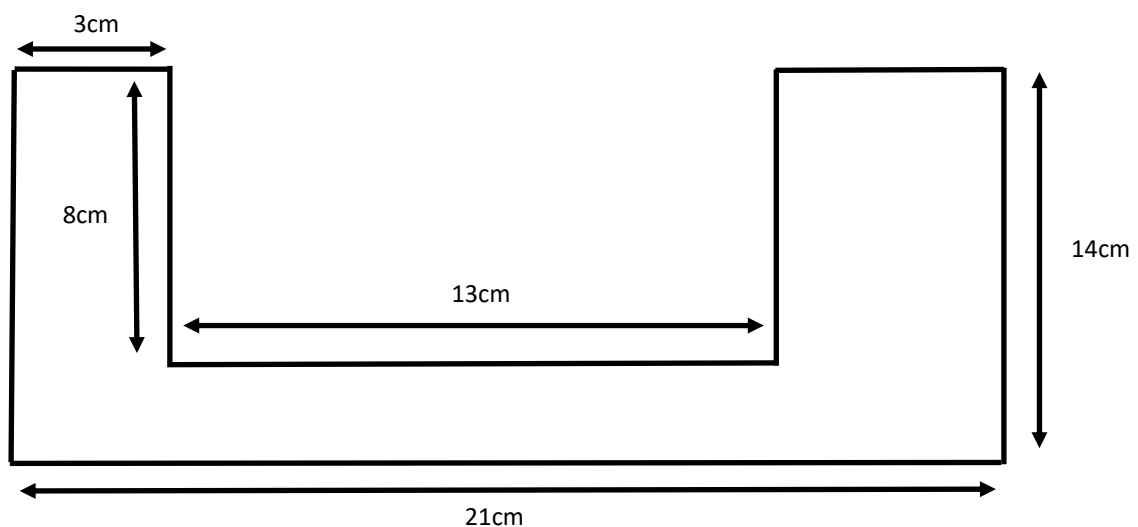
Q3. Hannah started with a number she subtracted 15 then divided it by 9. Her answer was 8.

Answer 87

What number did she start with?

(Lesson Inverse Calculations)

Q4.



What is the area of this shape?

Answer 190cm²

(Lesson Compound Shapes)

Q5.

Emily spends x pounds on the bus each weekday to get to work.

She spends y pounds on the taxi each Saturday to go shopping. How much does Emily spend in a 2 weeks?

Tick the correct equation.

A. $25x + 25y$ ☐

B. $10y + 5x$ ☐

C. $5x + 1y$ ☐

D. $10x + 2y$ ☒

(Lesson What is Algebra?)

Q6.

2	H	
	5	
4		

This is a magic square.

All the columns, rows and diagonals add up to 15. Some of the numbers have been missed out.

What number should replace the letter H?

Answer 7

(Lesson Magic Squares)

Q7. Mr and Mrs Elliott go to a theme park with their 3 children. Tickets cost £11.00 each for adults. The price of a child’s ticket is half that of an adult’s.

How much does it cost for them to visit the theme park?

Answer £38.50

(Lesson Halving Numbers)

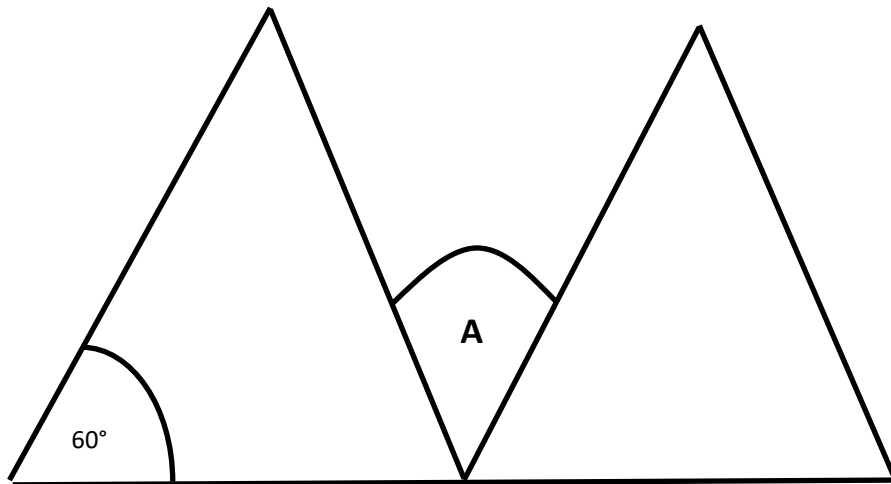
Q8. Jimmy’s dad is 4 times older than Jimmy was 3 years ago.

Jimmy’s dad is 36 how old is Jimmy?

Answer 12

(Lesson Two Step Problems)

Q9. This diagram shows two identical isosceles triangles.



Answer 60°

What is the angle at point **A**?

(Lesson Angles in a Triangle and Angles on a Straight Line)

Q10.

A shoe shop has 470 pairs of shoes. 38 pairs are given to a charity.

187 pairs of shoes are sold for £56.99.

How many pairs of shoes remain unsold?

Answer 245 pairs

(Lesson Subtraction)

Q11.

What fraction of these numbers are multiples of 8?

20 24 72 34 88 75

Write your answer as a fraction in its lowest possible terms.

Answer $\frac{1}{2}$

(Lesson Multiples)

Q12. Claire rolled a dice 7 times. Here are the numbers that she rolled.

4 5 3 1 2 6 5

Answer 4

What is the median of these numbers?

(Lesson Median Average)

Q13. Calculate the following:

$$27000 \div 100 = \underline{\hspace{2cm}}$$

Answer 270

(Lesson Equations)

Q14. Balance this equation.

$$7 \times 9 - 12 = 6 \times 8 + \underline{\hspace{1cm}}$$

Answer 3

(Lesson Probability)

Q15. A small bag contains 4 red marbles, 2 blue marbles, 3 green marbles

What is the probability of picking a red marble?

- A. $\frac{2}{9}$ B. $\frac{3}{9}$ C. $\frac{4}{9}$ D. $\frac{4}{8}$ E. $\frac{2}{4}$

(Lesson)

Q16.

3.350kg

Mohammed put some weights on an electronic scale. They weighed 3.350kg. He needs to make a total of 4.5kg.

Which two of these weights should he add to the scales to get the correct amount?

250 g

A.

750 g

B.

850 g

C.

900 g

D.

700 g

E.

(Lesson Converting Weight)

Answer A. and D.

Q17. Which one of these numbers is a multiple of 3, 6 and 9?

Circle the correct answer.

33

60

108

23

12

(Lesson Common Multiplies)

Q18. Zara has seven pound coins, three 50 pence coins, four 20 pence coins, two 10 pence coins and five 5 pence coins in her purse.

£9.75

How much money does Zara have?

£_____

(Lesson Adding and Multiplying)

Q19. The ratio of flour to sugar in a cake is 8: 5.

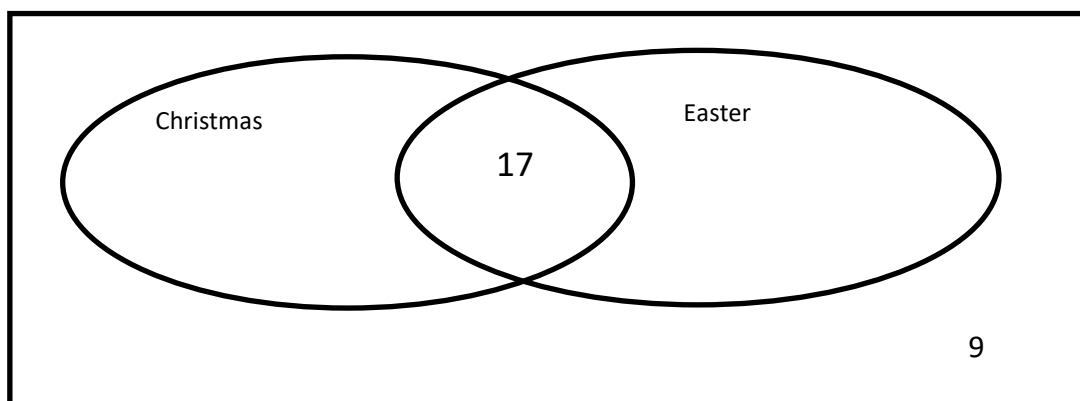
If there is 200g of sugar in the cake, how much flour was used?

Answer 125g

(Lesson Ratio)

Q20. Look at the Venn diagram below. It shows the number of children in class 4TF who like Christmas, Easter, both or neither.

There are 30 children in the class.



20 children like Christmas and 19 like Easter.

Answer 5

How many children only like one Holiday?

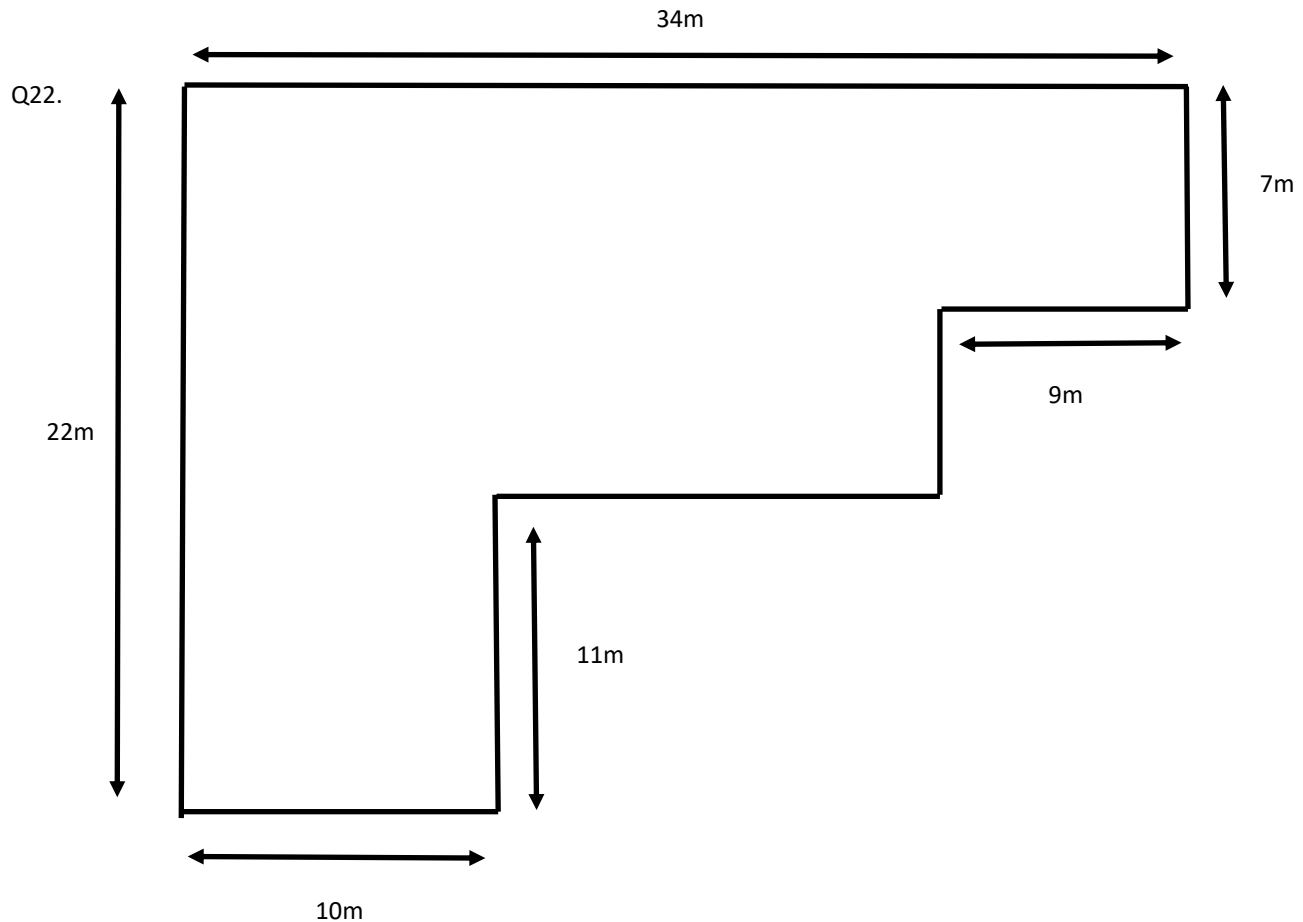
(Lesson Venn Diagrams)

Q21. What fraction of an hour is 14 minutes?

Answer 7/30

Write your answer in it's simplest terms.

(Lesson Fractions of an Hour)



Answer 112m

What is the perimeter of this shape?

(Lesson Perimeter)

Q23. Susan went to the park to meet her friend. She stayed at the park for 40 minutes. She got home a 12:35pm.

It took her 10 minutes to walk to the park and 7 minutes to walk home.

Answer 11:32pm

What time did Susan leave for the park?

(Lesson Adding Time)

Q24. In a clothes shop sale, all the clothes have 25% off the price.
 Ben buys a coat that originally cost £130.

How much did Ben pay for his coat?
 (Lesson Percentage of an Amount)

Answer £97.50

Q25. How many faces does a octagonal prism have?

(Lesson Prisms)

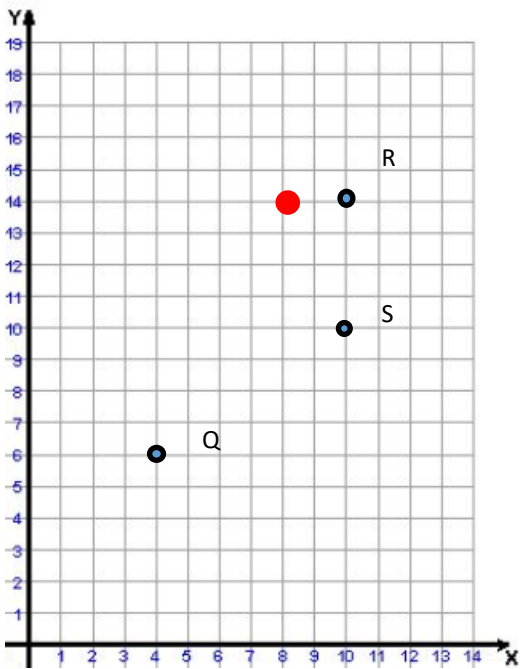
Answer 10 faces

Q26. There are 13 paintbrushes in a pack.

How many packs would you need to have 195 paintbrushes?
 (Lesson High Level Division)

Answer 15

Q27– 30.



- Q27. Which letter is at co-ordinates (4,6) **Q**
- Q28. Which point is a transition (6,4) from (4,6) **S**
- Q29. What type of triangle is RSQ **scalene**
- Q30. Add point T at (8,14).

(Lesson Coordinates)

End of Test