11 Plus Maths Practice Paper 3

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. Calculate the answer.

3756 + 95 =

(Lesson Adding Numbers)

Q2. Calculate the answer.

6341 - 452 =

(Lesson High Level Subtraction)

Q3. Calculate the answer.

34 x 7 =

(Lesson Multiplication)

Q4. Calculate the answer.

3/4 + 7/12 =

(Lesson Adding Fractions)

Q5. Fill in the gaps to make the sum work.

(Lesson Missing Digit Calculations)

$$\begin{array}{r} 6\ \_\ 4 \\ +\ \_\ 2\ 7 \\ \hline \_\ 3\ 5\ \_ \\ \hline \end{array}$$

Q6.

1/3 0.30 2/3 0.35 1/4

Which of these is closest to 0. 32?

(Lesson Fractions to Decimals)

Q7. How many cm in 6.435m?

(Lesson Converting Meters and Centimetres)

Q8. A grocer sells 4 apples for £2.00 and 8 oranges for £4.20.

Which fruit is cheaper?

(Lesson Dividing Decimals)

Q9. A square has an area of 144cm². What is its width?

(Lesson Area of Rectangles)

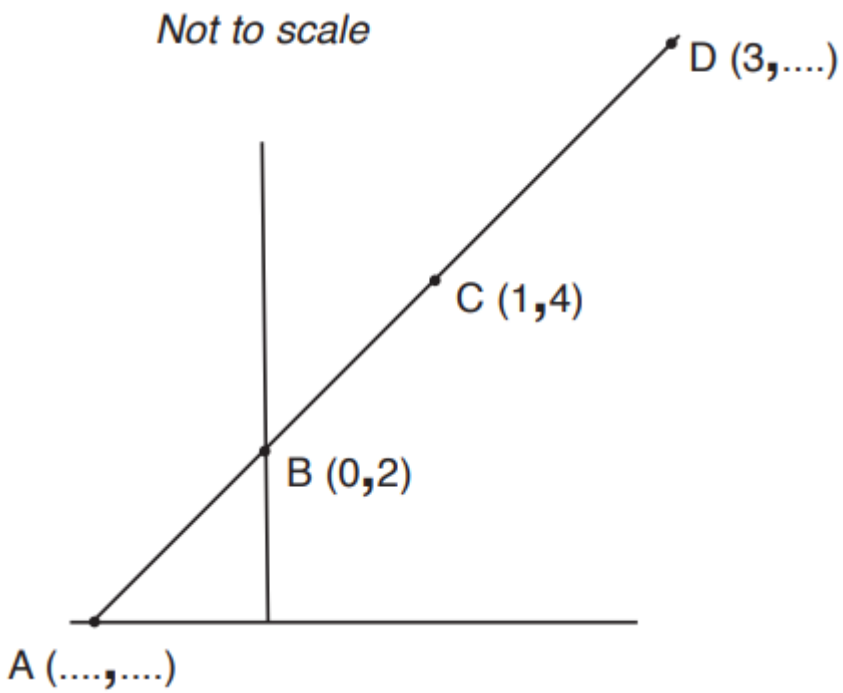
Q10. A+B+C= 50

A is double B and B is three times C.

What is the value of C?

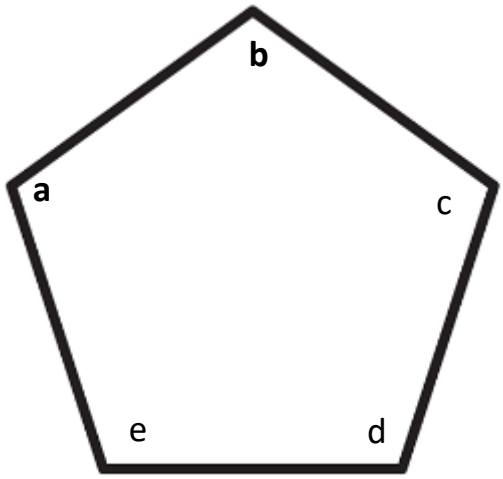
(Lesson Using Bar Models or Algebra Problems)

11. The line ABCD is a straight line. Fill in the missing co-ordinates for A and D.



(Lesson Co-ordinates)

12. Here is a regular pentagon. What is angle **a** added to angle **b** in degrees?



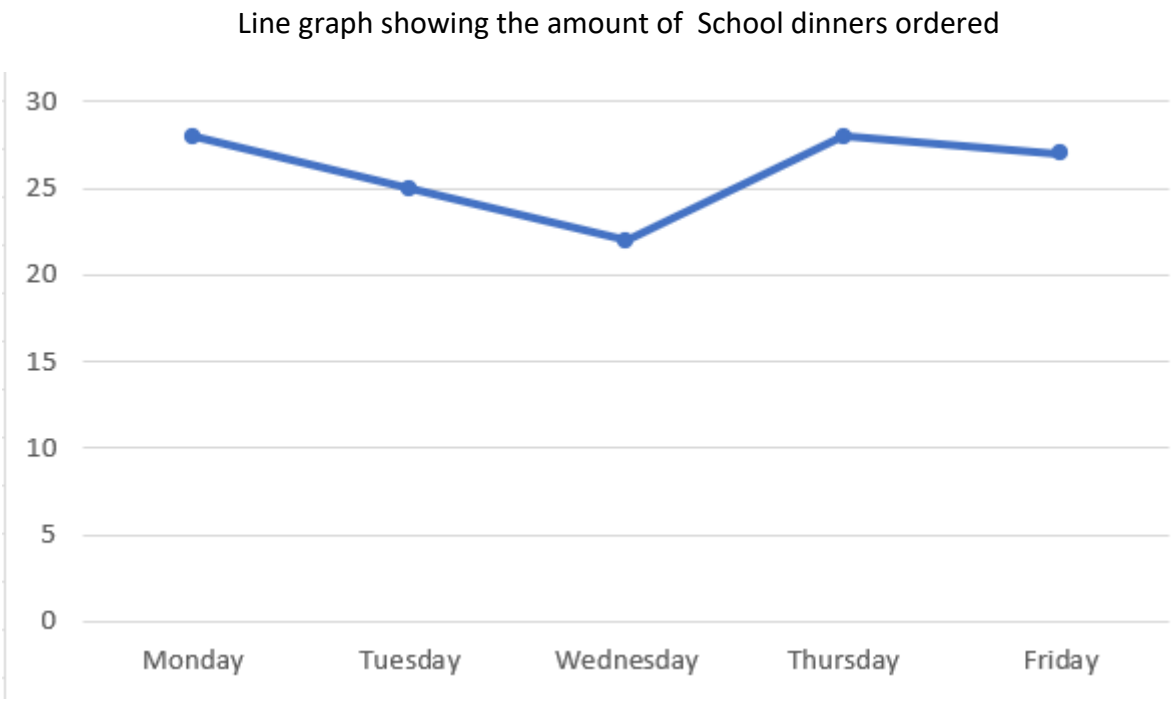
(Lesson Regular Shapes)

13. Five teachers have a combined weight of 460kg.

Find their average mean weight.

(Lesson Mean Average)

14.



How many people had school dinners on Wednesday?

(Lesson Line Graph)

15. How many school dinners where ordered over the week?

(Lesson Line Graph)

16. **x** and **y** add up to 54. The difference between **x** and **y** is 12. **x** is bigger than **y**.

x =

y =

(Lesson Simultaneous Equations)

17. In this sequence the numbers go up 4 each time.

1st term	2nd term	3rd term	4th term	5th term
5	9	13	17	21

What would the 10th term be?

(Lesson n^{th} term)

18. Look at the sequence above.

At what term would the number be 81?

(Lesson n^{th} term)

19. Calculate.

4.5 + 7.62 =

(Lesson Adding Decimals)

20. Calculate.

4.2 x 6.5 =

(Lesson Multiplying Decimals)

21. Find 15% of 620.

(Lesson Percentage of an Amount)

22. Ben increases a number by 25%. His new number is 560. What number did he start with?

(Lesson Reverse Percentages)

23. Look at the equation.

$$yx + 4x - 2y =$$

What is the answer if y = - 3 and x = 5?

(Lesson Algebra Problems)

24. Look at the equation.

$$xy + 2x - 3y = 28$$

What is x if y = 20?

(Lesson Algebra Problems)

End of test