1 If 6 people do a certain job in 8 hours, how long will it take 16 people, working at the same speed? _____

B 3

1

B 15

Find the mean of each of the following sets of numbers.

2 8 10 3 7 _____

3 6 2 7 1 4 _____

4 8 10 3 5 3 13 _____

3

B 1

Multiply each of the numbers below by 1000.

5 41.5 _____

6 0.082 _____

7 3.86 _____

3

8 What would be the approximate cost of 15 CDs at £5.98 each (to the nearest £)? _____

B 3

1

9 Sue divided a number by 8 rather than multiplying it. Her answer was 12. What was the number? _____

B 3

1

10–14 Arrange the fractions in order of size, putting the largest first.

$\frac{5}{8}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{5}{6}$

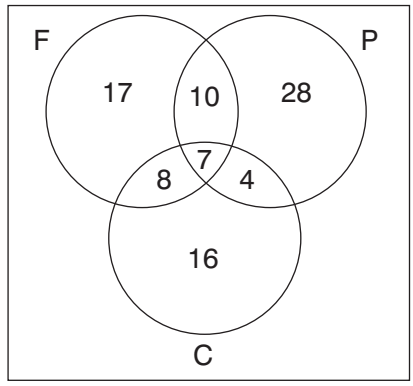
_____

B 3

5

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Some children made this Venn diagram of the food they prefer.



F = fish

P = pizza

C = chicken

15–17 _____ children like fish, _____ like pizza and _____ like chicken.

18 The number of children who like both fish and pizza is _____

19 How many children don't like pizza? _____

20 How many children altogether were counted in the diagram? _____ 6

21–23 £12 is shared between Emily, Claire and Jo in the ratio of 9 : 5 : 2.
How much do they each receive?

Emily _____ Claire _____ Jo _____ 3

24 11 toys were bought for £2.15 each and sold for £3.50.

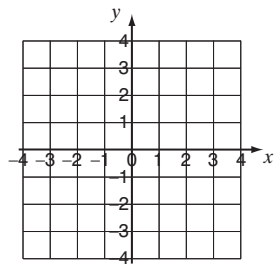
What was the total profit? _____ 1

Underline the correct answer in each line.

25	$\frac{1}{6} + \frac{1}{3}$	=	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{3}{6}$	$\frac{1}{18}$
26	$3.00 - 1.66$	=	1.44	0.34	4.66	1.34
27	0.2×0.2	=	0.08	0.4	0.04	0.22
28	$4 \div 0.8$	=	0.2	0.5	0.32	5

4

29–33 Plot the points (3, 1), (3, –3), (–1, 1) on the grid.



These points are the vertices of a square.
Mark the fourth vertex and draw the square.

34–35 The coordinates of the fourth vertex are (_____, _____).

36–37 The coordinates of the centre of the square are (_____, _____).

B 23

9

B 27

Change these 24-hour times into 12-hour times using a.m. or p.m.

38 18:17 _____

39 05:03 _____

40 21:19 _____

3

41–43 The ages of Grandma, Aunt Jane and Sara add up to 119 years. Grandma is twice as old as Aunt Jane, and Aunt Jane is twice as old as Sara.

Grandma is _____ years old, Aunt Jane _____ years old and Sara is _____ years old.

B 13

3

$6 \times 6 = 6^2$ $3 \times 3 \times 3 = 3^3$. Now write these numbers in the same way.

B 6

44 $10 \times 10 \times 10$ = _____

45 $5 \times 5 \times 5 \times 5$ = _____

46 $8 \times 8 \times 8 \times 8 \times 8$ = _____

47 $4 \times 4 \times 4 \times 4$ = _____

48 $1 \times 1 \times 1 \times 1 \times 1 \times 1$ = _____

5

49 Find the area of a room which is 6 metres long and 9 metres wide.

B 20

_____

50 What is the perimeter of the room?

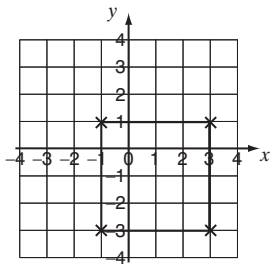
_____

2

Now go to the Progress Chart to record your score! Total 50

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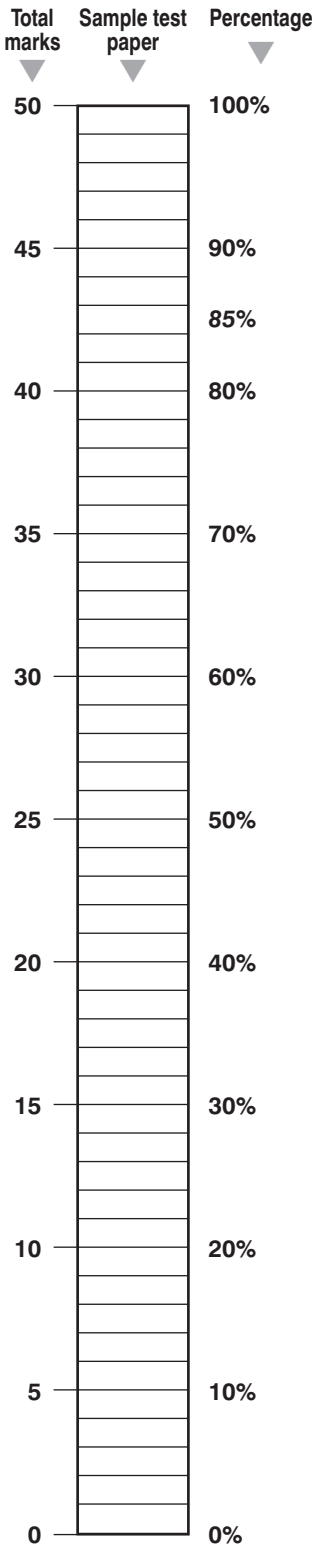
1 3 hours
2 7
3 4
4 7
5 41 500
6 82
7 3860
8 £90
9 96
10–14 $\frac{5}{6}$ $\frac{3}{4}$ $\frac{2}{3}$ $\frac{5}{8}$ $\frac{1}{2}$
15–17 42, 49, 35
18 17
19 41
20 90
21–23 Emily £6.75, Claire £3.75, Jo £1.50
24 £14.85
25 $\frac{3}{6}$
26 1.34
27 0.04
28 5
29–33



34–35 –1, –3
36–37 1, –1
38 6:17 p.m.
39 5:03 a.m.
40 9:19 p.m.
41–43 Grandma 68, Aunt Jane 34, Sara 17
44 10^3
45 5^4
46 8^5
47 4^4
48 1^6
49 54 m^2
50 30 m

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Progress Chart Fourth level papers in Maths



When you've filled in the progress chart read the Next Steps

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Next Steps Planner …

Step 1 Go over your mistakes.

- Go over any wrong answers and try the questions again.
- Use *How to do … 11+ Maths* to help with any question types you find difficult.

Step 2 Do more practice.

If you got more than 85% …

Either:

Use *Bond Assessment Papers: Fourth papers in Maths* and *Bond Assessment Papers: More fourth papers in Maths* to reinforce and expand your maths skills at the 11+ level.

Or:

If you feel confident, go on to the fifth level books. These provide advanced 11+ level questions that will help you be well-prepared for selective exams as well as help you take your maths skills further.

Or:

Try some mock test papers for realistic exam practice. We suggest that you use these in the last few months before the actual exam.

If you got 50-85% …

We suggest that you do lots more practice at this level to help improve your scores. *Bond Assessment Papers: Fourth papers in Maths* and *Bond Assessment Papers: More fourth papers in Maths* include a wider variety of questions than are included in the sample paper and will help to strengthen your maths skills.

Make sure you keep going back over any wrong answers and use *How to do … 11+ Maths* to help with any question types you find difficult.

If you got less than 50% …

We suggest that you try the third level books to build up your maths skills; *Bond Assessment Papers: Third papers in Maths* and *Bond Assessment Papers: More third papers in Maths*. Keep going back over questions that puzzle you, using the strategies in *How to do … 11+ Maths* to help you, and then come back to the fourth level books.

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