Key Stage 1

Mathematics

Practice Paper 1: reasoning

Time: about 35 minutes
No calculator allowed
35 marks

First name	
Middle name	
Last name	

MME
MathsMadeEasy.co.uk

Total marks
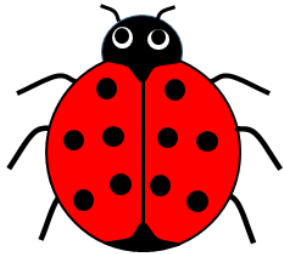
spots

1

5   5   5   1   1

    5   5   1   1   1   1

5   5   1

1 mark

Ref: 2N3

2

vegetables

1 mark

Ref: 2C4

3

1 mark

Ref: 2N1

4

50   3   [   ]

1 mark

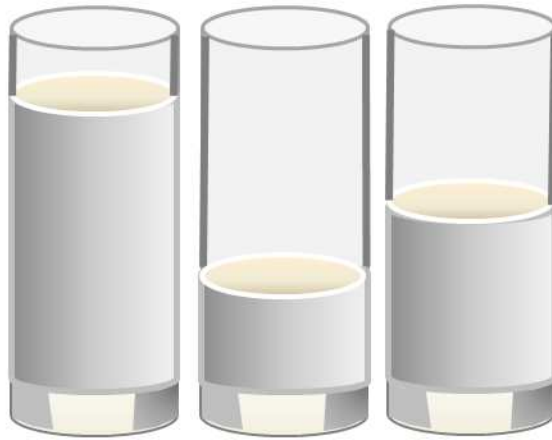Ref: 2C2b

5

51   59

[   ]

1 mark

Ref: 2C6

6 Which glass is **more than half** full (✓)
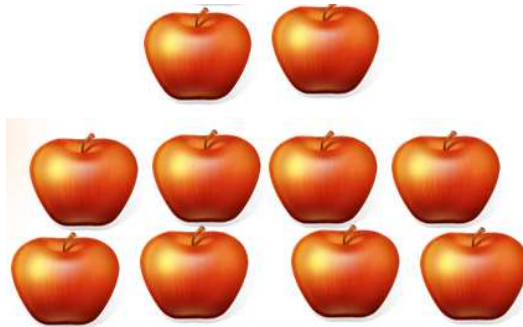

1 mark

Ref: 2M1

7 Poppy had **ten** apples and gave **three to Henry**.
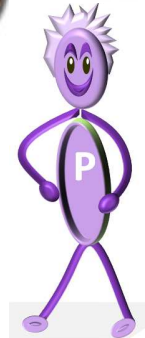
How many apples does Poppy have left?

1 mark

Ref: 1C4

8 Poppy (P) and Henry (H) each had some coins.

Tick who had the most money?

H

P

Ref: 1M3

1 mark

9 For each number word, tick (✓) the correct number.
The first one is done for you

✓ **21** **Twenty one** **201** ☐

☐ **407** **forty seven** **47** ☐

☐ **508** **Fifty eight** **58** ☐

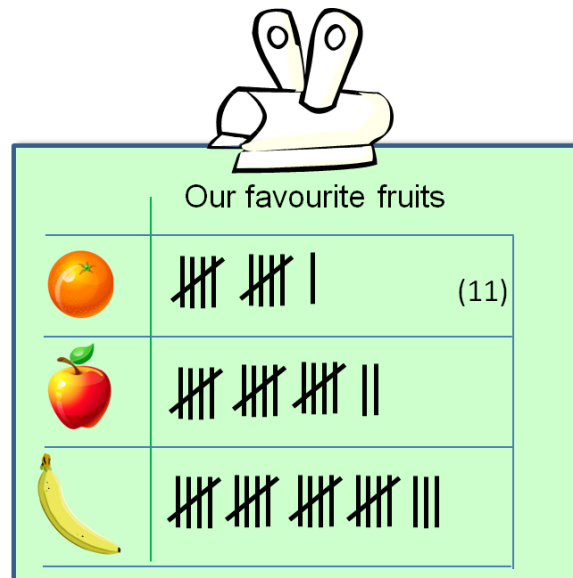☐ **34** **thirty four** **304** ☐

1 mark

Ref: 2N2a

10 This tally chart shows a class's favourite fruits.

11 children liked oranges.
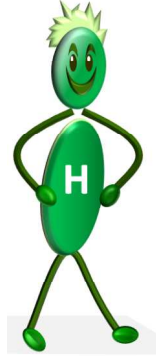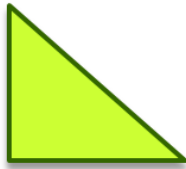How many children liked apples and how many liked bananas

Our favourite fruits

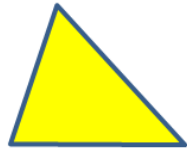|		
🍊	卌 卌 I	(11)
🍎	卌 卌 卌 II	
🍌	卌 卌 卌 卌 III	

Apples [   ]   Bananas [   ]

1 mark

Ref: 2S1

11 Poppy had a carton with 30 chips.

She gave 7 chips to Henry.

How many did she have left.

chips

1 mark

Ref: 2C4

12 Draw lines to match these triangles with their names
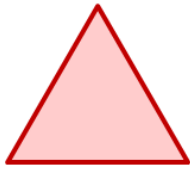
equilateral

right angled

scalene

isosceles

1 mark

Ref: 2G2a

13 Write two numbers to make this calculation correct.

$$\boxed{} + \boxed{} = 17$$

Now write three numbers to make this calculation correct.

$$\boxed{} + \boxed{} + \boxed{} = 17$$

Ref: 2C1

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14 a) Shade one quarter of this shape.
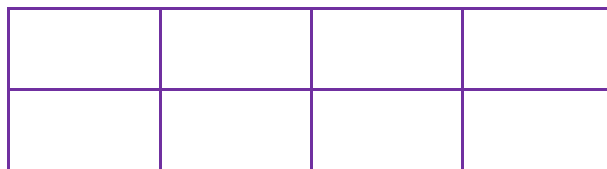
b) What fraction of this shape is shaded

$$\frac{1}{\boxed{}}$$
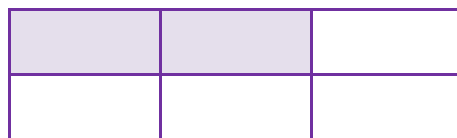
Ref: 2F1a

15 Poppy had some coins.

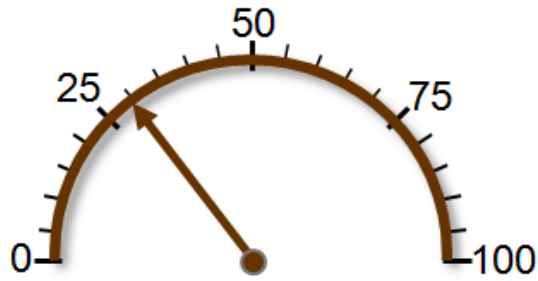How much money does she have?

	p

Ref: 2M9

16 What number does the arrow point to

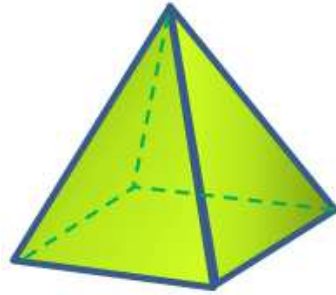[   ]

What number does the arrow point to

[   ]
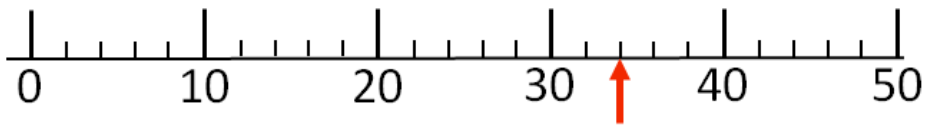
Ref: 2N4

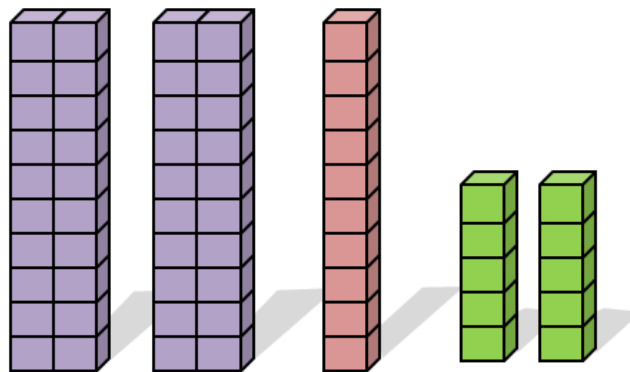**17** How many edges does this square based pyramid have?

edges

1 mark

Ref: 2G2b

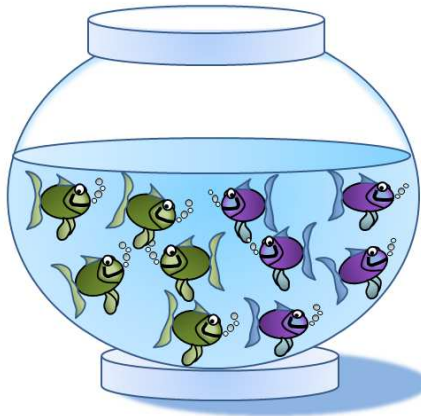**18** Poppy and Henry shared these blocks equally

How many blocks do they each get

1 mark

Ref: 2C4/2C8

19 Poppy wants 40 fish for her garden pond

There are 10 fish in a bowl.

How may bowls does she need altogether

[ ] bowls

1 mark

Ref: 2C8

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20 Henry has **25** stars altogether.

He has **12** stars in one hand.
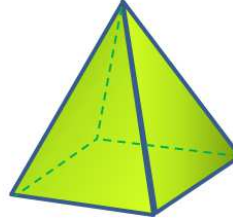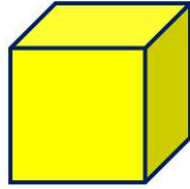
How many stars does he have in the other hand?

[ ] stars

1 mark

Ref: 2C4

21   Draw lines to match the 3D shape to their names

| Sphere | Pyramid | Cube | Square |

1 mark

Ref: 1G1b

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22   Oranges cost **20p** each. Bananas cost **25p** each.

Poppy bought **1 orange** and **2 bananas**.
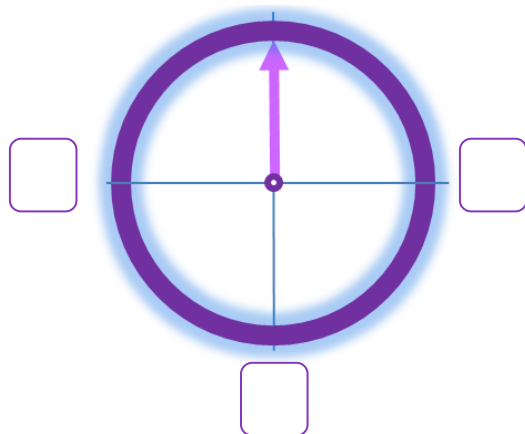
How much **change** does she get from **£1**?

p

1 mark

Ref: 2C4

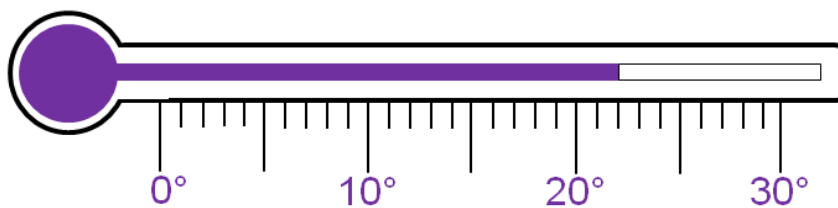**23** Where is the pointer after a clockwise three-quarter turn (✔)

1 mark

Ref: 2P2

24 Look at the thermometer.
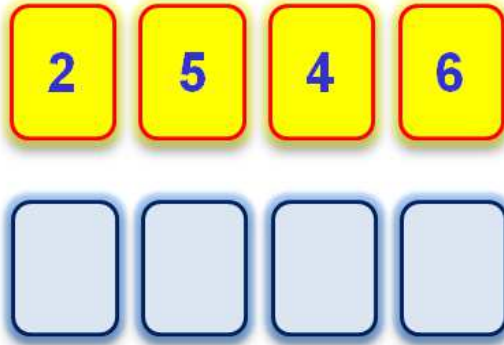

What temperature is shown? [°C]

1 mark

Ref: 2M2

25

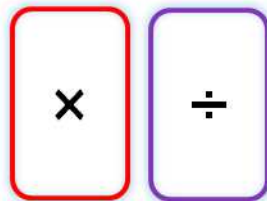What is the biggest number you can make from these digits?

| 2 | 5 | 4 | 6 |

| | | | |

1 mark

Ref: 2N6

26

Look at these signs

| × | ÷ |

Write the correct sign in each box.

12 [ ] 2 = 2 [ ] 3

4 [ ] 5 = 1 [ ] 20

1 mark

Ref: 2C7

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27 Look at the blocks
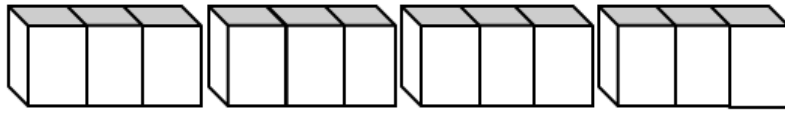
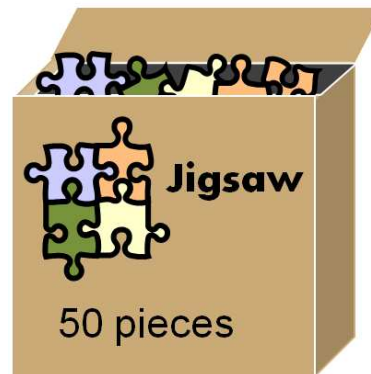$\frac{3}{4}$ of 12 = [ ] $\frac{1}{2}$ of 12 = [ ]

Ref: 2F1a

28 There are 50 jigsaw pieces in a box.

Henry takes 11 pieces.

Poppy takes 12 pieces.

How many jigsaw pieces are left?

Jigsaw

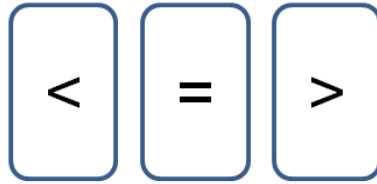50 pieces

Show your working

pieces

2 marks

Ref: 2C4

29 Look at these signs

<	=	>

Write the correct sign in each box

$3 + 3$ ☐ 7
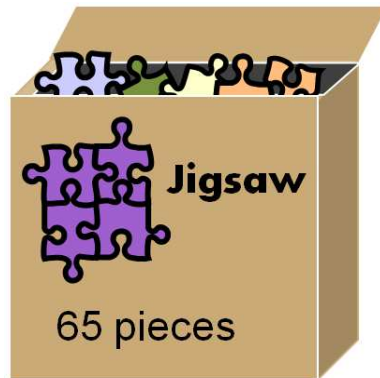
$8 × 2$ ☐ $10 + 6$

$10 ÷ 2$ ☐ $4 × 1$

1 mark

Ref: 2N2b

30 A jigsaw box should have 65 pieces.

Henry counted the pieces.

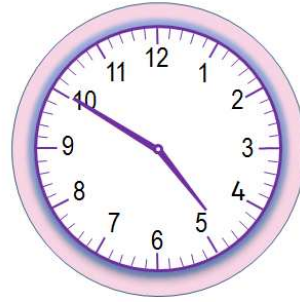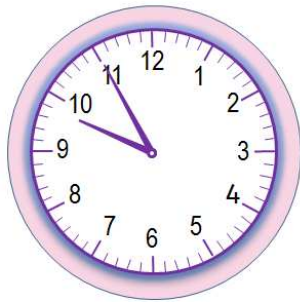There are only 47

How many pieces are missing?

65 pieces

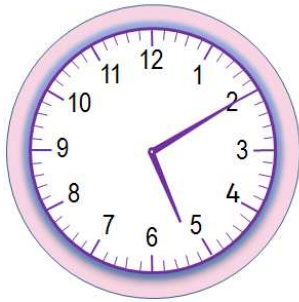|	pieces

1 mark

Ref: 2C4

31 Tick (✓) the clock that shows **five to ten**

☐ ☐ ☐

1 mark

Ref: 2M4a

End of Test