

Autumn progress check

Year 2

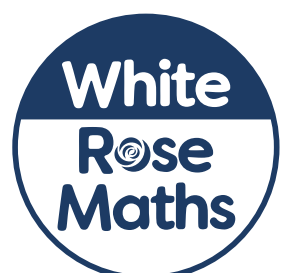
Mathematics

Paper 2: reasoning and problem solving

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
Teacher						

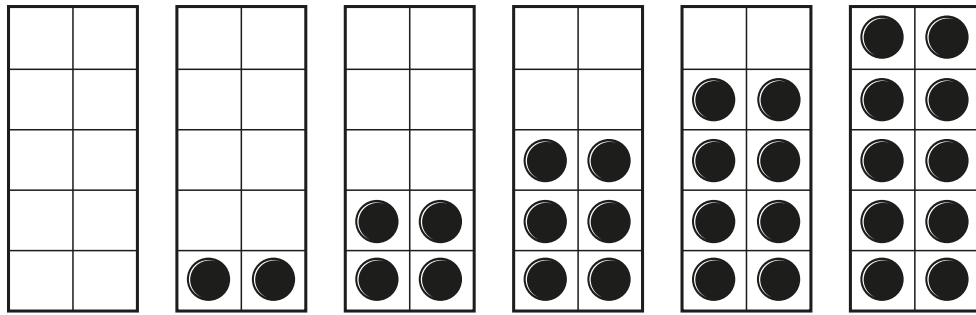
This progress check has been designed by White Rose Maths.
For more information, please visit whiterosemaths.com

ISBN 978-1-80478-014-5



1

Fill in the missing numbers.



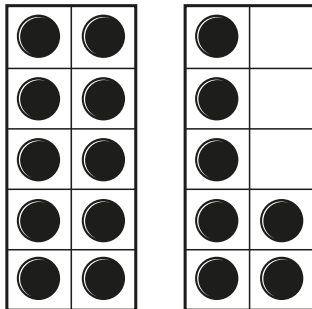
0	2	4	6		
---	---	---	---	--	--



1 mark

2

Sam makes this number.



What number has Sam made?



1 mark

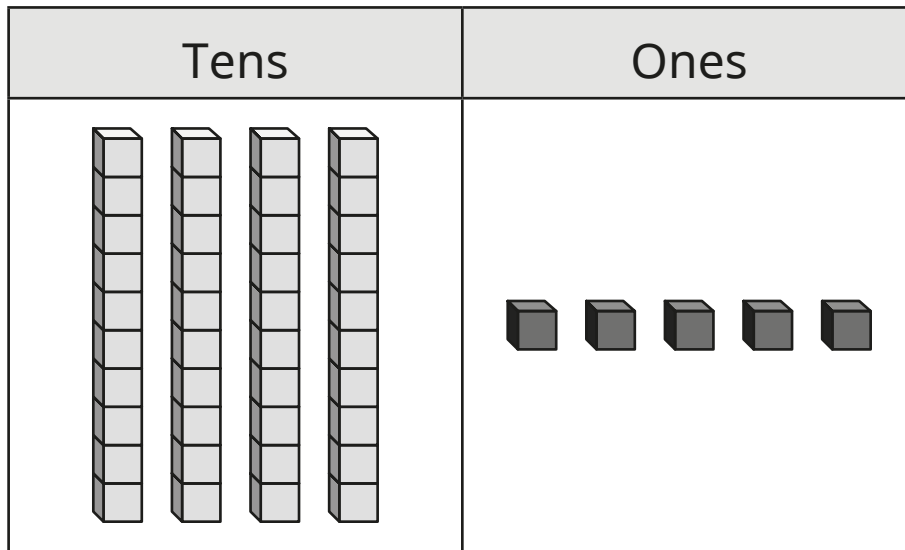
What is 1 **more** than Sam's number?



1 mark

3

Max makes the number 45



Complete the sentence.

45 has tens and ones.



1 mark

4

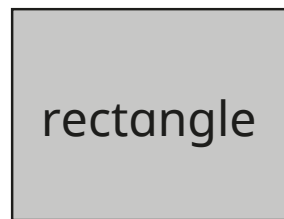
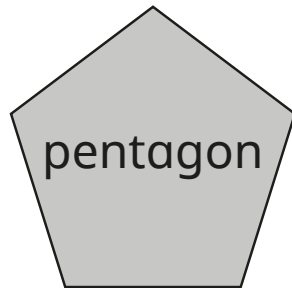
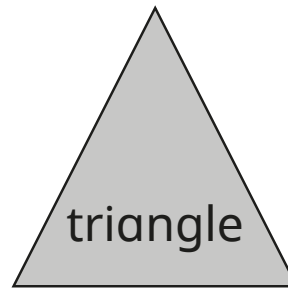
Fill in the missing numbers.



1 mark

5

Here are some 2-D shapes.



Which shape has **three** sides?



1 mark

Which **two** shapes have the same number of vertices?

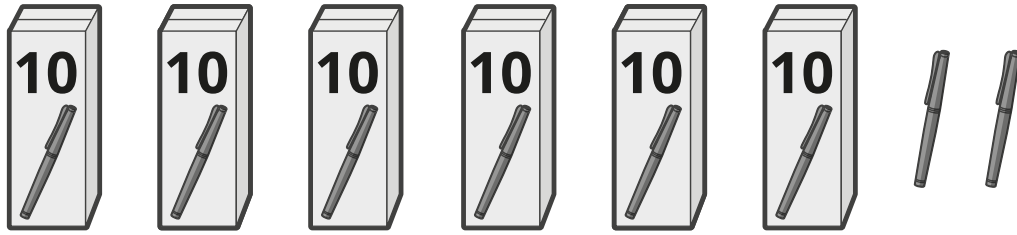
_____ and _____



1 mark

6

Pens come in packs of 10



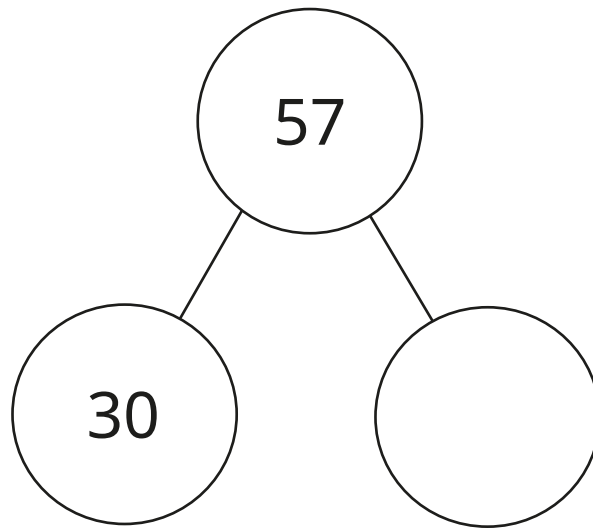
How many pens are there?



1 mark

7

Complete the part-whole model.



1 mark

8

Put the numbers in order.

Start with the **smallest** number.

38

49

31

smallest

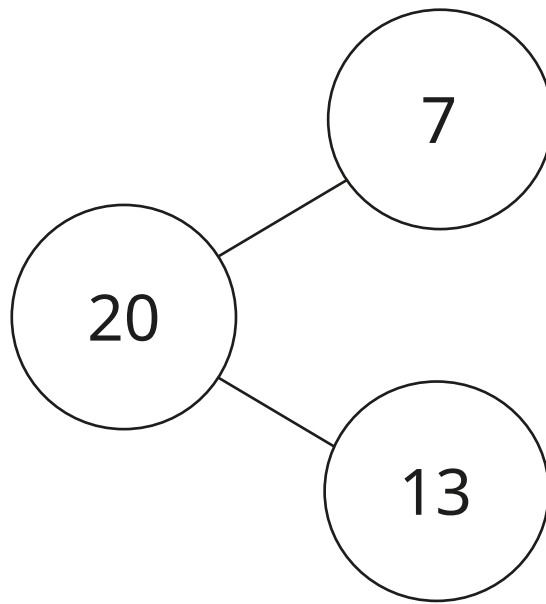
largest



1 mark

9

Here is a part-whole model.



Write the fact family for the part-whole model.

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

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

$$\boxed{} - \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$



1 mark

10

Ms Rose buys these two items.



How much does she spend in **total**?

£



1 mark

How much more does the jacket cost than the bag?

£

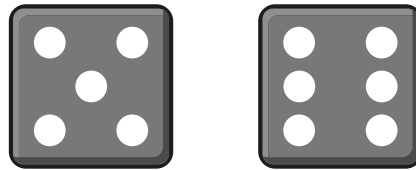


1 mark

11

Ben rolls **three** dice.

Here are the scores from **two** of the dice.



The **total** score of all **three** dice is 15

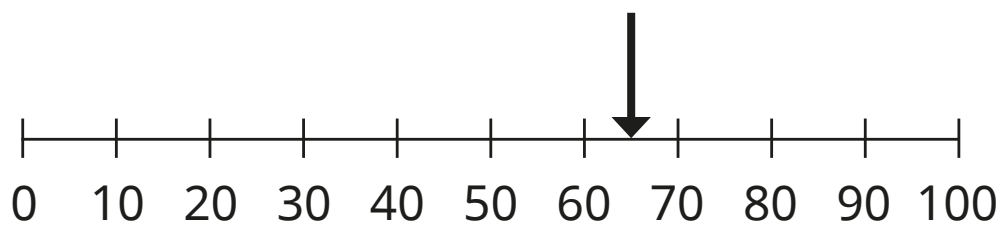
What is the number on the third dice?



1 mark

12

What number is the arrow pointing to?



1 mark

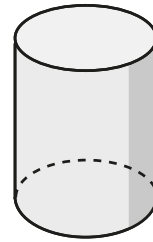
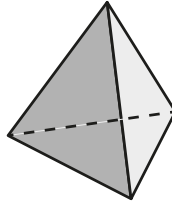
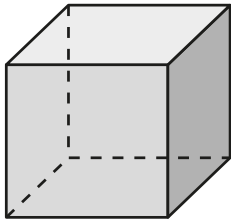


1 mark

Draw an arrow to show the number 98

13

Circle the shape with 4 faces.



1 mark

14

$$\text{Heart} = 39$$

$$\text{Heart} + \text{Heart} - \text{Square} = 52$$

Work out the value of the square.

$$\text{Square} = \boxed{}$$



2 marks

15

Complete the number sentence.

$$52 + 14 > 52 +$$



1 mark

END OF PAPER

BLANK PAGE

Please do not write on this page.