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2019 national curriculum tests

Key stage 1

MATHEMATICS

Modified large print

Paper 2: reasoning

First name _____

Middle name _____

Last name _____

Note for marking:

This paper should be marked using the standard mark schemes for KS1 mathematics: Paper 2. Please also refer to the Key stage 1 mathematics amendments to mark schemes – MLP document for questions that have been modified or replaced.

STA/19/8208/MLp

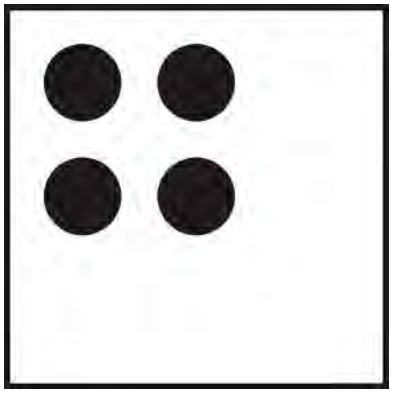
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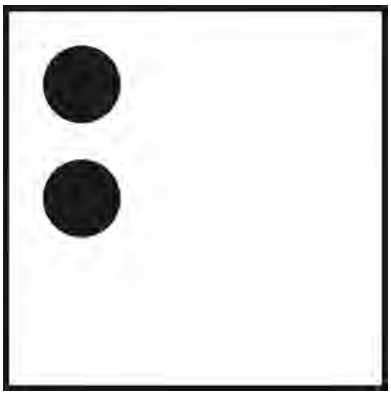
In this booklet you will read the names of six children.

They are called:
Amy
Ajay
Sam
Ben
Sita
Kemi

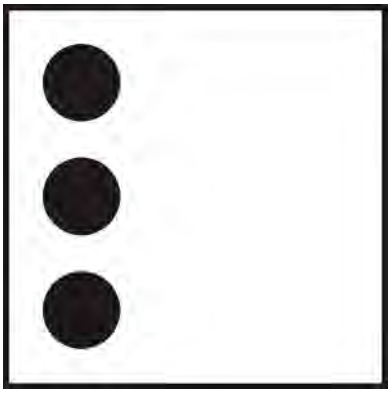
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Practice question









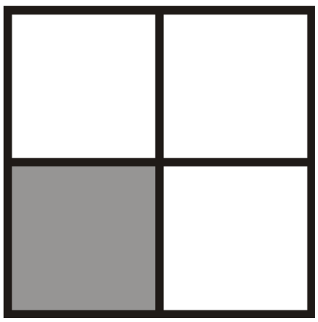
1. **Monday**
   Friday
   Wednesday
   Saturday

2. **52** **57**

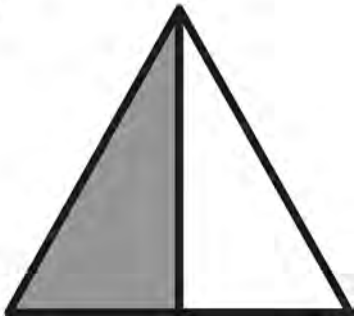
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3.

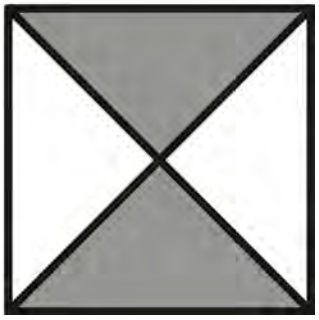
P



Q



R



S



_____

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4. $12 = \square \times 6$

5. 96

_____

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6. Look at the list of three shapes below.

Square
Octagon
Circle

Write the shape that has 8 vertices.

_____

Write the shape that has 4 right angles.

_____

Write the shape that has no vertices.

_____

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7. Look at the two signs below.

+ –

Choose a sign to make each calculation correct.

Write the sign in the box.

One is done for you.

4 [+] 1 = 5

23 [ ] 1 = 22

40 [ ] 1 = 39

19 [ ] 1 = 20

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8. Look at the five numbers below.

6 5 4 1 2

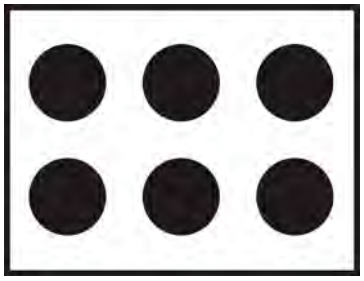
Write three numbers from the list that add up to 13

_____

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9. Look at the three arrays below.
They are labelled P Q and R

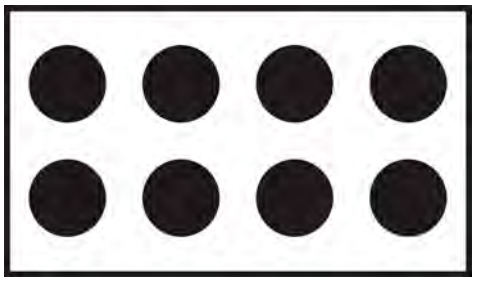
P



Q



R



Write the letter to match each multiplication below.
Choose your answers from the list.

4 × 2 = _____

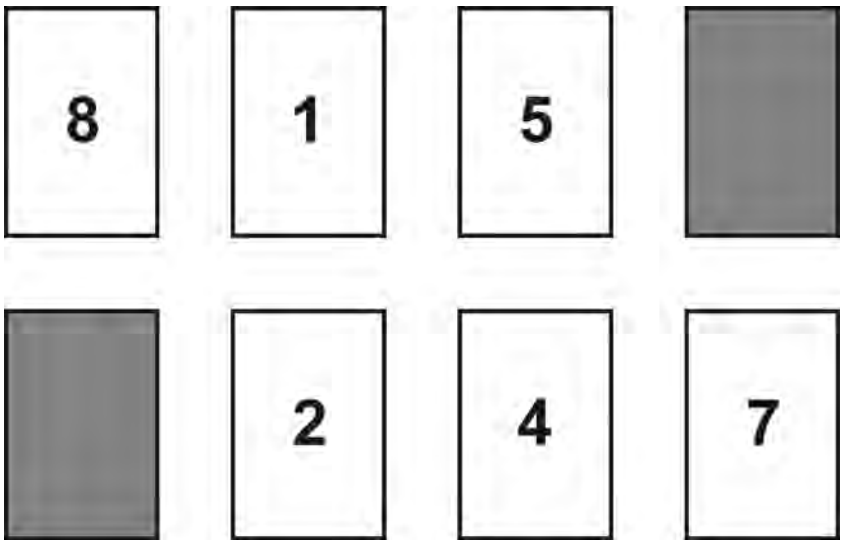
3 × 3 = _____

3 × 2 = _____

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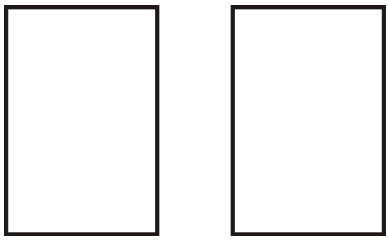
10. Sam has cards that are numbered 1 to 8

Sam turns over two of the cards.



Which two cards has Sam turned over?

Write the numbers on the cards below.



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11. $\frac{1}{2}$ **of 8 = 4**

Complete the number sentence below.

$\frac{1}{2}$ **of** $\square$ **= 3**

Write the missing number in the box.

12. Look at the sequence below.

16 14 12 _____ _____ _____

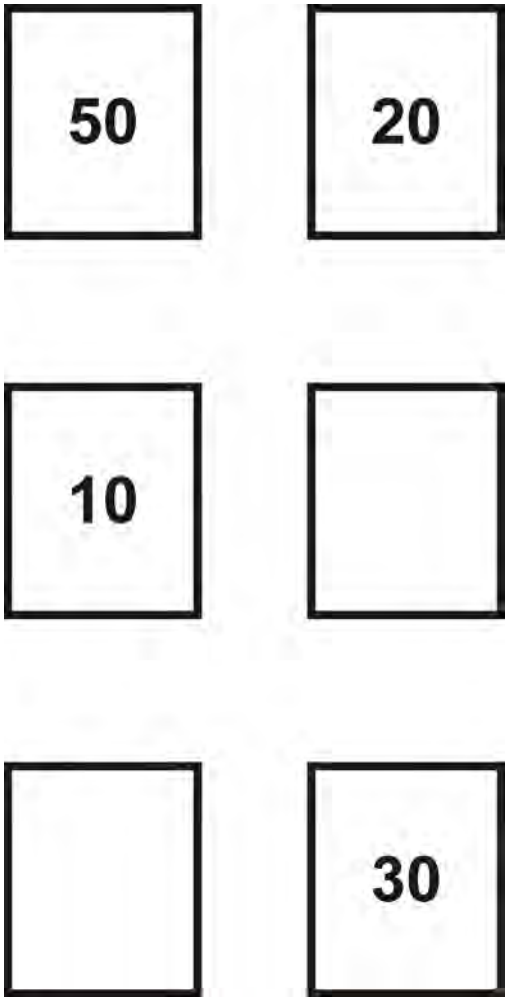
Write the next three numbers in the spaces.

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13. Each pair of cards below has a total of 70

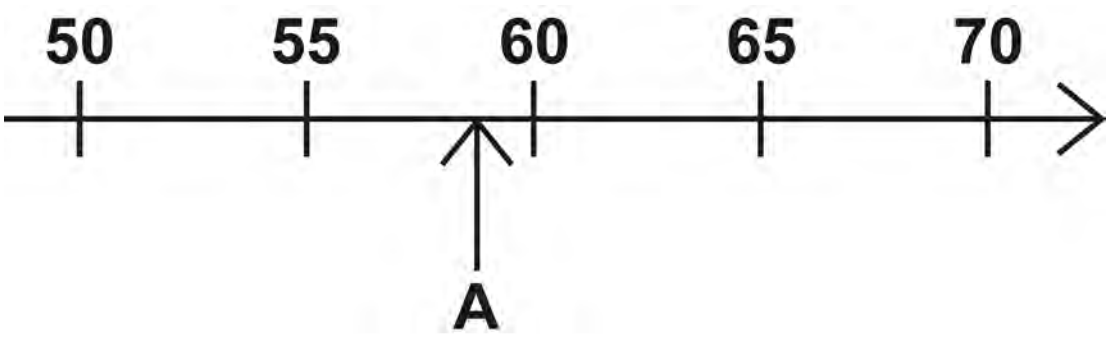
Write numbers to complete the pairs.

One is done for you.



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14. Look at the number line below.



Write the number shown by arrow A

_____

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15. Amy has 50 p

She buys a pencil for 30 p

Look at the four sets of coins below.

They are labelled P Q R S

P	**5 p**	**5 p**	**5 p**
Q	**20 p**	**5 p**	
R	**5 p**	**10 p**	**10 p**
S	**10 p**	**5 p**	**5 p**

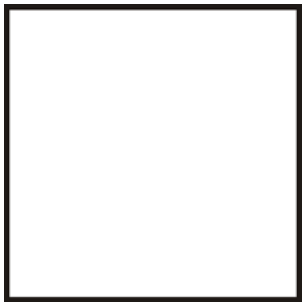
Write the letter of the set of coins that shows how much money Amy has left.

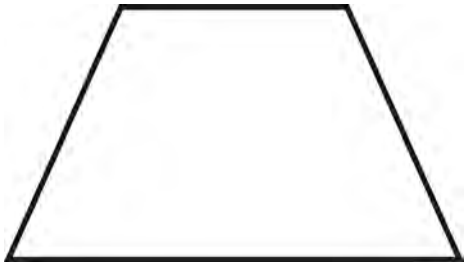
_____

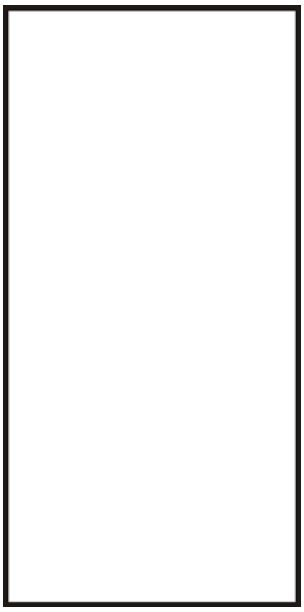
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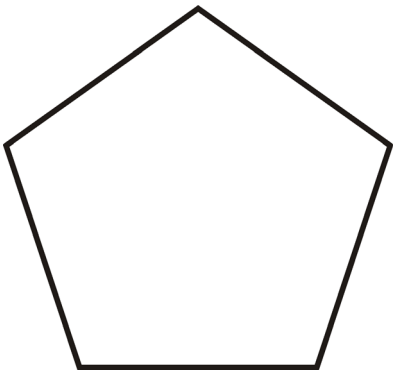
16. You have a model of a prism for this question.

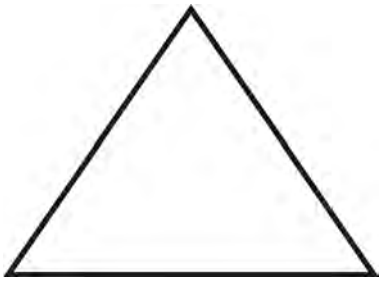
Look at the five shapes below.











Tick or mark all the shapes that are faces on the prism.

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17. Look at the three times below.

They are labelled P Q R

P 03:45

Q 04:15

R 04:25

Write the letter of the time that matches each of the three times below.

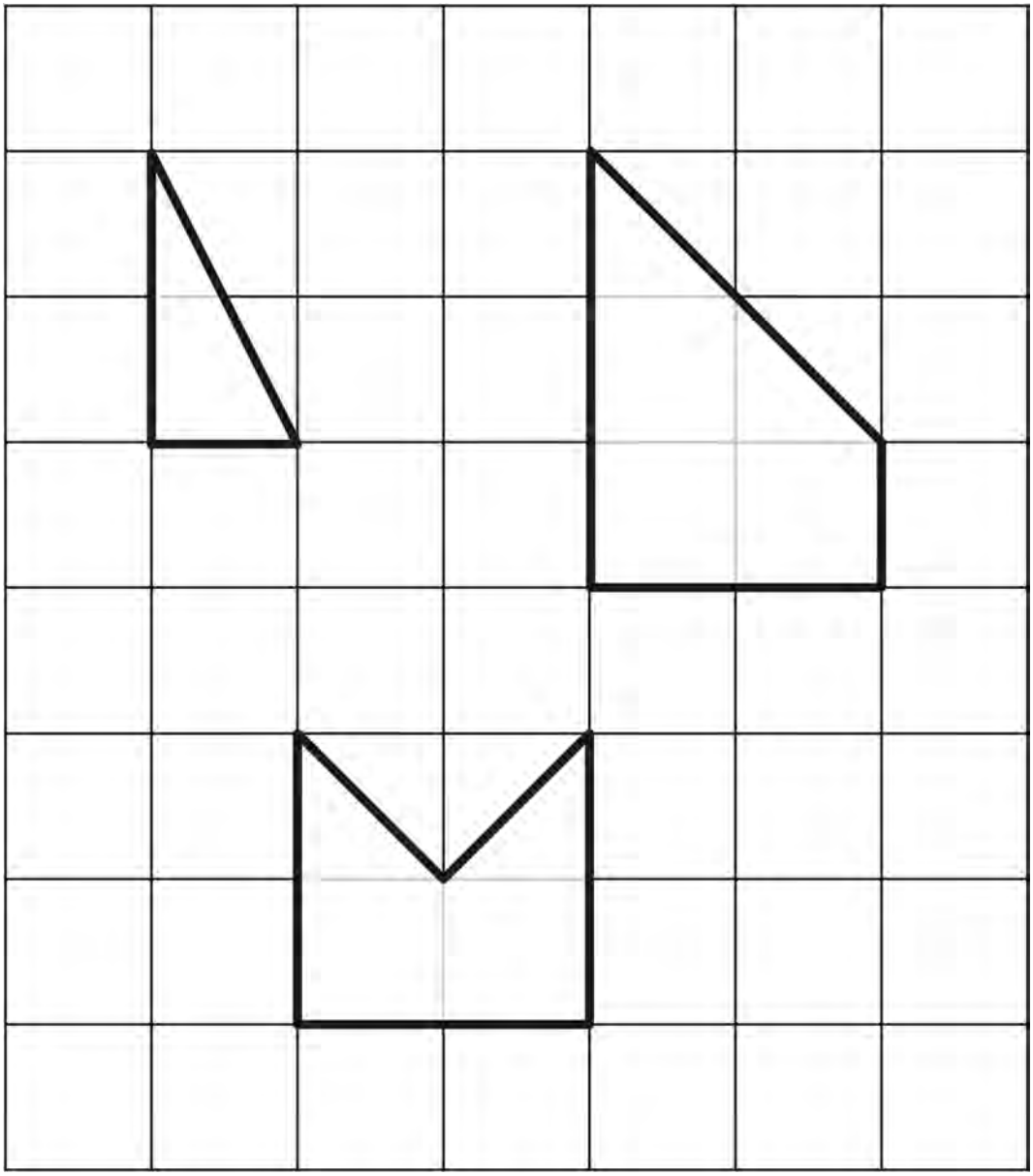
a) twenty-five past four _____

b) quarter to four _____

c) quarter past four _____

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18. Look at the three shapes on the grid below.



Tick or mark the shape that has a line of symmetry.

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19. Look at the pattern of number sentences below.

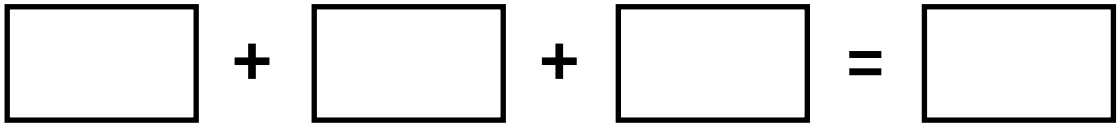
1 + 2 + 3 = 6

2 + 3 + 4 = 9

3 + 4 + 5 = 12

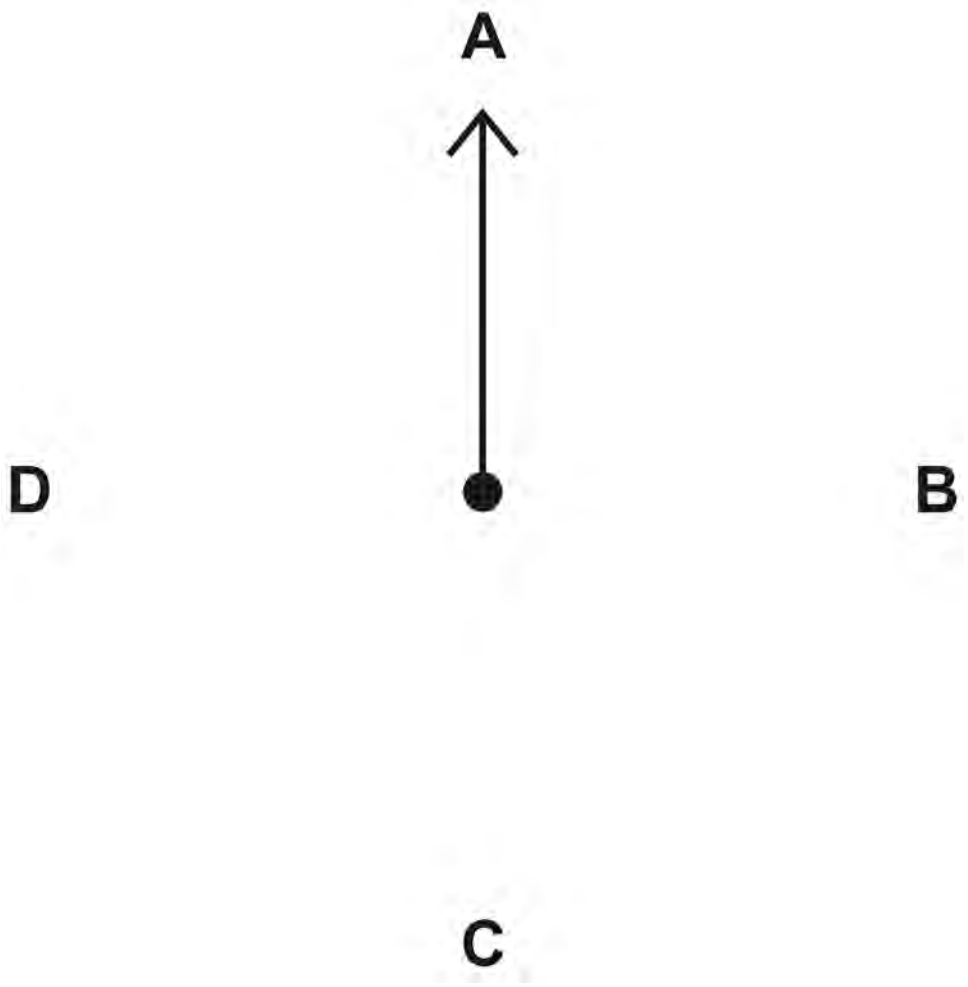
4 + 5 + 6 = 15

Write the next number sentence in the pattern.



Write a number in each box.

20. Look at the diagram below.



The arrow is pointing to A

The arrow turns a half turn.

Write the letter the arrow is pointing to after the half turn.

_____

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21. Sam has four number cards.

They are shown below.

10	20	30	40

Use three of his cards to make the following correct.

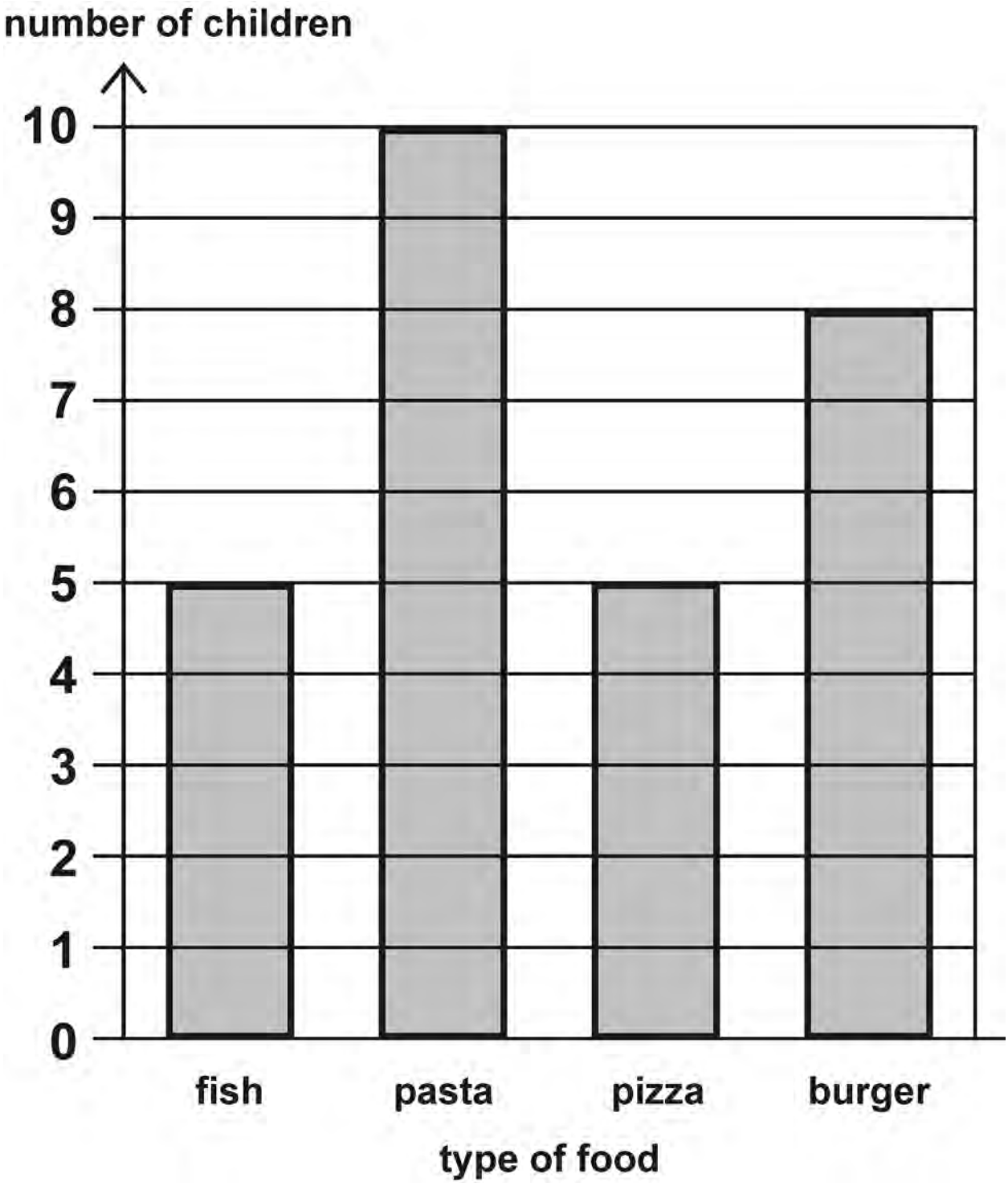
27	+		=	67

54	–		=	34

	+	88	=	98

22. Look at the chart below.

It shows what class *2* ate for lunch today.



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Fewer children ate pizza than burger.

How many fewer?

_____ children

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23. Ben has five marbles.

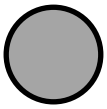
Kemi has seven times that number.

How many marbles does Kemi have?

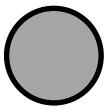
_____ marbles

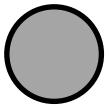
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24. Sam plays a maths game.

He uses  **and**  **to represent numbers.**

Each  **is equal to 2 points.**

 **+**  **+**  **= 10 points**

How many points is one  **equal to?**

_____ **points**

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25. Write five coins that have a total of 37 p

p	p	p	p	p

Write your answer in the boxes.

26. Ajay has 30 pencils.

He shares them equally between 3 pots.

Complete the number sentence below to show how Ajay shares the pencils.

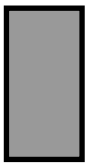
☐ ÷ ☐ = ☐

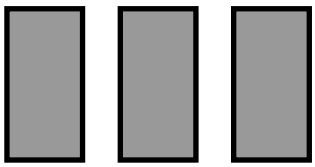
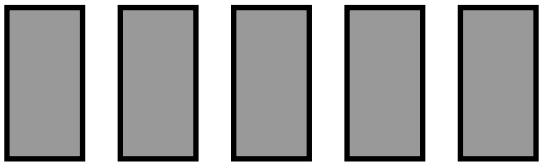
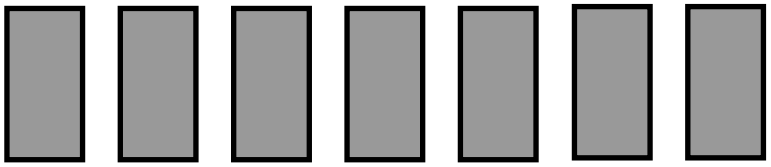
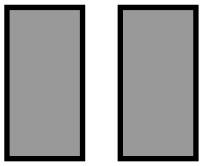
Write a number in each box.

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27. Some children make a chart of how many books they read in a week.

Look at the chart below.

Key:  **stands for 1 book**

Ben	
Kemi	
Ajay	
Sita	

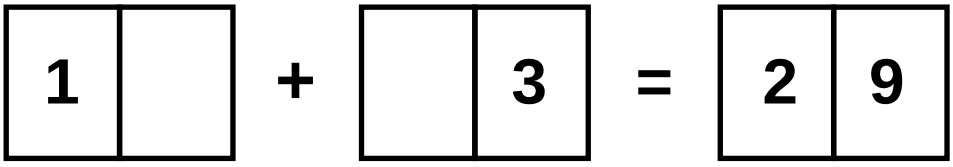
Which children read fewer than 4 books?

Write their names.

_____

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28. Put a digit into each empty box to make the calculation below correct.



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29. There are 100 g of chocolate chips in the bag.

Sita uses 25 g

Ben uses 35 g

How many grams of chocolate chips are left in the bag?

Show your working.

_____ **g**

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30. **A shop has 12 bags of crisps.**

It sells $\frac{1}{4}$ of the bags.

How many bags of crisps did the shop sell?

_____ bags

31. **Ben has 63 beads.**

He gives 37 beads away.

How many beads does Ben have left?

_____ beads

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32. **Ben has 90 p**

He buys 2 tickets.

Each ticket costs 35 p

How much money does Ben have left?

Show your working.

_____ p

END OF TEST

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Total marks	

Standards & Testing Agency

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Paper 2: reasoning
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