1. Bill rolled a number on a dice.
The number was odd and less than 5.
Which of these numbers could Bill have rolled?

2. Three teams played a game.
The tally shows the number of points scored by each team.

Team A: ||||
Team B: ||||
Team C: ||

Team A had 8 points.
What was the total number of points scored by all three teams?
9 16 21 24

3. Which arrow points to the number that is halfway between 5 and 25?

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Here is a seating plan for an aeroplane.

Which of these seats is closest to the front of the aeroplane?

- 8A
- 11C
- 2D
- 4F

What number is 10 less than 1003?

- 903
- 993
- 1013
- 1093

This shape is cut out of cardboard and glued to make a container.

Which container would it make?
7  $3 \times \ ? = 57$

What number does $\ ?$ represent?

19  29  54  171

8  Jill set up a stall and sold burgers.

The graph shows how many of each type of burger she sold.

- Chicken burgers were the most popular.
- Vegie burgers were less popular than fish burgers.
- Beef burgers were more popular than fish burgers.

Which column on the graph represents fish burgers?

A  B  C  D
Jason’s birthday is on the 29th of January. His sister’s birthday is five days later.

Which day of the week was his sister’s birthday in 2014?

This is a view of a solid made by stacking 18 identical cubes.

How many cubes are completely hidden in this view?
This box has some coloured balls in it.

Lee takes one ball out of the box without looking. Which colour is she least likely to take?

1 and 2
2 and 3
3 and 4
1 and 3
2 and 4

Sally pasted some cut-outs onto grids. Which two cut-outs are the same shape?
13
Jack, David, Sam and Tim are brothers.
The table shows the years when they were born.

<table>
<thead>
<tr>
<th>Name</th>
<th>Jack</th>
<th>David</th>
<th>Sam</th>
<th>Tim</th>
</tr>
</thead>
</table>

Who is the second oldest brother?

Jack ☐ David ☐ Sam ☐ Tim ☐

14
Roy made a pattern by adding 3 to a number to get the next number.
Which of these could be the first four numbers of Roy’s pattern?

- 3, 13, 23, 33
- 4, 7, 11, 16
- 6, 10, 14, 18
- 8, 11, 14, 17

15
This table shows movie session times.

<table>
<thead>
<tr>
<th></th>
<th>Space Dinos</th>
<th>Halfling Tale</th>
<th>Internet Cat</th>
<th>Aircraft 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Start time</strong></td>
<td>8:00 am</td>
<td>8:45 am</td>
<td>9:20 am</td>
<td>10:30 am</td>
</tr>
<tr>
<td><strong>Finish time</strong></td>
<td>9:30 am</td>
<td>10:45 am</td>
<td>11:50 am</td>
<td>11:40 am</td>
</tr>
</tbody>
</table>

Which of these movies lasts two and a half hours?

- Space Dinos ☐ Halfling Tale ☐ Internet Cat ☐ Aircraft 2 ☐

16
Dan had 62 blocks.
He built some towers using these blocks.
Each tower was made up of 15 blocks, and there were 2 blocks left.
How many towers did Dan make?

- 4 ☐ 13 ☐ 17 ☐ 31 ☐
A fraction of this circle has been shaded.

Which rectangle has the same fraction shaded?

Kevin used these scales to measure the mass of some flour.

How much flour is on the scales?

0.4 g  4 g  40 g  400 g
19. Bella had $10. She bought 5 sketchbooks from a shop. Each sketchbook costs $1.10. How much change should she get?

- $4.50
- $5
- $5.50
- $8.90

20. Which of these angles is closest in size to a right angle?

- A
- B
- C
- D

21. 19 + [ ] + 8 = 45

22. Allen’s house was built in 1936. Approximately how many years old is Allen’s house?

- 60
- 70
- 80
- 90

23. Rhys had 4 fish tanks. Each tank had 10 fish in it. He then bought one more tank. He shared all the fish equally between the 5 tanks. How many fish were then in each tank?

- 5
- 6
- 8
- 9
24 Which of these shapes is not shown in this picture?

- circle
- triangle
- pentagon
- rectangle

25 Which of these pairs of numbers has a difference of 17?

- 17 and 71
- 29 and 36
- 48 and 65
- 77 and 87

26 Four friends were trying to kick balls into a net. This graph shows how many balls each of the friends kicked into the net.

Mel kicked 6 balls into the net.
Amy kicked 7 balls into the net.

How many more balls did Ian kick into the net than Harry?

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27. Which of these is the net of a 3D object with 6 edges?

-  
-  
-  
-  

28. What number does the blue question mark represent?

29. Mary is facing north-west. She makes a quarter turn to her left.
Which direction is she facing after the turn?
- west  
- north  
- north-east  
- south-west  

30. Which one of these shapes has the largest perimeter?

-  
-  
-  
-  

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Joe’s toy car is 5 cm long.
His dad’s car is 4 m long.

How many times as long as Joe’s toy car is his dad’s car?

1  20  80  125  200

This is a floor plan of a building.

Sanjeet enters the building by the door on the west wall.
He leaves the building by the door on the south wall.
What is the smallest number of rooms he has to walk through?

Mia made a playlist with two songs.

<table>
<thead>
<tr>
<th>Song</th>
<th>Minutes</th>
<th>Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Song 1</td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td>Song 2</td>
<td>2</td>
<td>36</td>
</tr>
</tbody>
</table>

What is the total length of the playlist in seconds?

seconds
34

Jake and Sara picked a total of 31 apples.
Sara picked 7 more apples than Jake.
How many apples did Sara pick?

35

Jess spent $12.30 buying paper plates for a party.
Each plate cost 30 cents.
How many plates did she buy?

36

This is a diagram of a schoolyard.

What is the area of the schoolyard in square metres?

- 450
- 400
- 300
- 90

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Carla made a letter ‘C’ out of 3 rectangular wooden pieces as shown.

What is the perimeter of this wooden letter in centimetres?

- 66
- 72
- 86
- 103
- 106

Caleb reflects one of these shapes across the dotted line. The shape and its reflection together make a square.

Which shape does Caleb reflect?
A shop is selling juice boxes in different packs.

$1

$5 for a pack of 6

$6 for a pack of 8

What is the largest number of juice boxes that you can buy with $15?

Zoe was making a scale drawing of a 40-storey building on grid paper.

The height of each storey of the building was the same.

What was the height of each storey of this building?

metres
PRACTICE QUESTIONS

**P1**

How many apples are shown?

![Apples](image)

- 3
- 4
- 5
- 6

**P2**

Write a number in the box to make this number sentence correct.

6 + 4 = [ ]

**P3**

Here is a number pattern.

2, 4, 6, 8, ?

What is the next number in the pattern?

- 9
- 10
- 11
- 12

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