1 Some students voted for their favourite animal.

<table>
<thead>
<tr>
<th>FAVOURITE ANIMAL</th>
<th>Tally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat</td>
<td>💢💢💢</td>
</tr>
<tr>
<td>Dog</td>
<td>💢💢💢</td>
</tr>
<tr>
<td>Fish</td>
<td>💢💢💢</td>
</tr>
<tr>
<td>Horse</td>
<td>💢💢💢💢</td>
</tr>
</tbody>
</table>

How many students voted for Horse?

9 10 11 12

2 Jay drew this plan of his bedroom.

What is between the bed and the toy box?

bookshelf desk chair cupboard
3

Anna has these balloons.

She gives half of the balloons to Nathan.

How many balloons does Anna give to Nathan?

2  4  8  16

---

4

Steve joined two blocks together to make this object.

He used a cone and a

- cube.
- cylinder.
- square pyramid.
- rectangular prism.

---

5

Which one of these equals 564?

5 + 6 + 4  50 + 60 + 40  500 + 40 + 6  500 + 60 + 4

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6. Emma had these shells.

She kept 5 and gave the rest to Harry.

How many shells did Emma give to Harry?

3  4  5  8

7. Which spinner is most likely to stop on white?

8. Mel’s counter is at X.

She moves the counter right 3 squares and then up 2 squares.

Where does Mel move the counter to?
9 Nick made this model with cardboard objects.

Which of these shows the view from the side?

- □
- □
- □
- □

10 Gina has only these coins.

She buys a magazine for $1.95.

How much money does Gina have left?

- $1.00
- $1.10
- $2.00
- $2.10
11. How many of these shapes have exactly 4 sides?

2 3 4 5

12. Henry puts cards into 4 equal piles. Each pile has 20 cards.

How many cards does Henry have altogether?

5 24 80 100


How many cans did Ben and Jack collect altogether?

167 168 176 177
14. The lights on this window make a pattern.

Which of these shows the order of the next four lights?

- 🌟🌟🌟🌟
- 🌟🌟🌟☆
- 🌟☆🌟☆
- ☆☆☆☆
- ☆☆☆🌟

15. What time does this clock show?

3:08 3:40 8:03 8:15

Shade one bubble.
Some students chose their favourite sport. They made a graph.

- Swimming was the **most** popular.
- Football was **more** popular than cricket.
- Netball was **less** popular than football.

Which column shows football on the graph?

<table>
<thead>
<tr>
<th>Number of students</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Which letter is in the square and also in the triangle, but **not** in the circle?

Write your answer in the box.
18 Natalie made a hutch for her pet chicken. Her hutch is most like a
- rectangular prism.
- rectangular pyramid.
- triangular pyramid.
- triangular prism.

19 Ryan is making a calendar. 3 July is a Friday.
What day is 27 July?
- Monday
- Tuesday
- Sunday
- Wednesday

20 These biscuits are sold in packets of 10. Shelley wants to give one biscuit to each of her 27 classmates.
What is the least number of packets that Shelley needs?
- 1
- 2
- 3
- 4
21 This is a picture of a shoe.

Which of these is closest to the length of a real shoe?

- 5 cm
- 25 cm
- 75 cm
- 100 cm

22 Jess takes 2 pegs out of this bag at the same time.

Which of these is impossible?

- a blue peg and a black peg
- a red peg and a red peg
- a green peg and a green peg
- a yellow peg and a black peg
23. Mandy folds a rectangle of paper along the dotted line and cuts out some shapes. She unfolds the paper and turns it around. Which of these is Mandy’s paper?

24. James makes 12 pizzas. He puts 4 pizzas on trays like this. Which of these shows how James could work out the number of trays he needs?

\[
12 \div 4 \quad 12 \times 4 \quad 12 - 4 \quad 12 + 4
\]
25. How many quarters are there in two and a half oranges?
   - 5
   - 6
   - 9
   - 10

26. Dana started at 10 and made this number pattern.
   - 10, 11, 13, 16, 20, 25, ?
   What is the next number in the pattern?
   - 26
   - 30
   - 31
   - 35

27. A teacher starts to pin the class paintings on the display board like this.

   How many paintings of the same size will fit on the board altogether?
Year 3 students go on a trip.
This is the plan for the day.

<table>
<thead>
<tr>
<th>Start time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45</td>
<td>Leave school by bus</td>
</tr>
<tr>
<td>10:30</td>
<td>Arrive at Aquarium</td>
</tr>
<tr>
<td>11:30</td>
<td>Morning tea</td>
</tr>
<tr>
<td>11:45</td>
<td>Feed the seals</td>
</tr>
<tr>
<td>12:45</td>
<td>Lunch at the park</td>
</tr>
<tr>
<td>1:30</td>
<td>See movie ‘Under the Sea’</td>
</tr>
<tr>
<td>2:45</td>
<td>Leave by bus</td>
</tr>
<tr>
<td>3:30</td>
<td>Arrive back at school</td>
</tr>
</tbody>
</table>

At 1:00 the students will be

- with the seals.
- seeing the movie.
- having morning tea.
- at the park.

Josh had these tiles.

He then turned each tile a quarter turn clockwise.

Which of these is his new design?

- 
- 
- 
- 
- 

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30  There are 5 small boxes in this carton, all of the same size.

How many small boxes can fit in the carton altogether?

31  A group of students was in 5 teams.

<table>
<thead>
<tr>
<th>Team</th>
<th>Number of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comets</td>
<td>4</td>
</tr>
<tr>
<td>Supers</td>
<td>7</td>
</tr>
<tr>
<td>Stars</td>
<td>5</td>
</tr>
<tr>
<td>Champs</td>
<td>11</td>
</tr>
<tr>
<td>Kings</td>
<td>3</td>
</tr>
</tbody>
</table>

Some students changed teams.
The teams now have an equal number of students.
How many students are now in each team?

32  Laura buys a cap and a bag.
The total cost is $25.
The bag costs $5 more than the cap.

What is the cost of the cap?

$
A school has 10 boxes of footballs. Four boxes have 6 footballs in each box. The other boxes have 5 footballs in each box. How many footballs are there altogether?

There are 60 boxes in a van. There are 6 shops. Seven boxes are delivered to each shop. How many boxes are left in the van after shop 6?

A pyramid is made using all of these faces. How many edges does it have?

STOP – END OF TEST
### PRACTICE QUESTIONS

<table>
<thead>
<tr>
<th>P1</th>
<th>How many apples are shown?</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Apples" /></td>
<td>3 4 5 6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P2</th>
<th>Here is a number pattern.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Pattern" /></td>
<td>2, 4, 6, 8, ?</td>
</tr>
</tbody>
</table>

What is the next number in the pattern?

- 9
- 10
- 11
- 12

<table>
<thead>
<tr>
<th>P3</th>
<th>$6 + 5 = $</th>
</tr>
</thead>
</table>

Write your answer in the box.