1. Sally is making bead bracelets. She used 364 beads.

Drag the fewest number of base ten blocks to represent the number 364.

<table>
<thead>
<tr>
<th>hundreds</th>
<th>tens</th>
<th>ones</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Diagram of base ten blocks: 364]
2. Sam collects hockey cards.

He has 395 hockey cards in his collection.

He buys some more cards at a garage sale.

Now he has 422 cards.

How many cards did he buy?

Sam bought 1234 hockey cards.
3. Maya plots students’ favourite fruits on a graph.

How many more students prefer peaches to pears? 

[Diagram showing bar graph with X marks indicating counts for each fruit]
4. Billy was decorating his skateboard with a pattern of triangles. Drag the correct triangles onto the skateboard to complete the pattern.
5. The class started composting three months ago.

   About how many days have they been composting?

   - 180
   - 90
   - 60
   - 30
6. Mark makes these 3-D shapes.

Select the net below that he could fold to make one of the shapes above.
7. The students at Pascal Elementary purchase science kits and math kits.

Science Kit = $40

Math Kit = $25

They have $200.

After purchasing the kits, they have $5 left.

What did they buy?

- 1 science kit and 4 math kits
- 1 science kit and 2 math kits
- 2 science kits and 3 math kits
- 3 science kits and 3 math kits
8. The garden will need a fence.

Each metre of fence costs $10.

How much will it cost to fence the perimeter of the garden?

It will cost $\underline{\underline{\boxed{34}}}$. 
9. Students estimated the number of salmon returning to spawn.

<table>
<thead>
<tr>
<th>Year</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Salmon</td>
<td>125</td>
<td>150</td>
<td>200</td>
<td>275</td>
<td></td>
</tr>
</tbody>
</table>

If the pattern continues, about how many salmon will return in Year 5?

Drag the answer to the chart.

300  325  350  375
10. If there are 24 legs in the barn, how many cows and chickens are there?

What two combinations of cows and chickens are correct?

1 cow, 12 chickens and 2 cows, 10 chickens

3 cows, 6 chickens and 4 cows, 4 chickens

5 cows, 5 chickens and 6 cows, 2 chickens
11. Marie’s tally chart shows students’ favourite sports.

She surveyed 33 students.

<table>
<thead>
<tr>
<th>Favourite Sports</th>
<th>Tally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basketball</td>
<td>🏀🏀🏀🏀🏀 /1</td>
</tr>
<tr>
<td>Field Hockey</td>
<td>🏒🏒🏒🏒 /3</td>
</tr>
<tr>
<td>Soccer</td>
<td>?</td>
</tr>
<tr>
<td>Volleyball</td>
<td>🏐🏑🏑🏑 /2</td>
</tr>
</tbody>
</table>

How many students chose soccer? □□□□
12. Charlie is painting this box.

He does not paint the bottom.

How many faces does he paint?

He paints $\text{face(s).}$
13. Steve wants the smallest part of a garden plot.

Which fraction represents the smallest part?

\[
\frac{1}{2} \quad \frac{1}{4} \\
\frac{1}{6} \quad \frac{1}{12}
\]
14. Part of a $4 \times 6$ array has been torn away.

Select the image below that completes the array.
15. Susan is selling crafts at a fair.

How much money will she make on the 6th day?

<table>
<thead>
<tr>
<th>Day</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>$1</td>
<td>$2</td>
<td>$4</td>
<td>$7</td>
<td>...</td>
<td>1</td>
</tr>
</tbody>
</table>

How likely is it that he will spin a number that has the digit 6 in the tens place?

more likely

even chance

less likely

impossible
17. Students are put into teams for activity day.

- There are 9 teams.
- Each team has 8 students.
- There are 100 oranges for snack time.
- Each student has one orange.

How many oranges are left over? 12 34
18. Julia has a goal of walking 1000 km in one school year.

Place Julia on the number line to show she has walked 300 km so far.
19. Ian has six coins in his pocket.

He has 55¢.

Drag and drop the coins to show two possible combinations of coins in Ian’s pocket.

First way

Second way
20. The class is planning a party.

Today is June 14.

The party will be two weeks from today.

Complete the sentence.

The party will be on Monday, June 30.
21. Paula makes a chart to show how many bottles of water she buys each month.

<table>
<thead>
<tr>
<th>Month</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>...</th>
<th>?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Bottles</td>
<td>19</td>
<td>16</td>
<td>13</td>
<td>10</td>
<td>...</td>
<td>1</td>
</tr>
</tbody>
</table>

If this pattern continues, in what month will she buy only 1 bottle of water?

- January
- February
- March
- April
22. Match the three objects with the capacity that each could hold.

- 40 L
- 200 mL
- 4 L
23. Jade stacks the cans in the following pattern.

If she stacks 7 rows, how many cans in total will there be? 12 34
24. Karl graphs the number of selfies he took so far this week.

**Selfies Taken**

<table>
<thead>
<tr>
<th>Day</th>
<th>Number of selfies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>4</td>
</tr>
<tr>
<td>Monday</td>
<td>1</td>
</tr>
<tr>
<td>Tuesday</td>
<td>10</td>
</tr>
<tr>
<td>Wednesday</td>
<td>2</td>
</tr>
</tbody>
</table>

How many selfies did Karl take in total? [1 2 3 4]
25. Students have a goal to raise $1000.

They have raised \( \frac{4}{5} \) of their goal.

Move the bar to show how much the students have raised so far.
26. Which pattern starts at 20 and decreases by one each time?

- 20, 21, 22, 23
- 20, 19, 17, 16
- 20, 21, 19, 17
- 20, 19, 18, 17
27. At snack time students eat fruit.

- 15 students choose apple slices.
- Each student eats 3 apple slices.

How many slices are needed?  

1 2 3 4
28. Kate is slicing a dessert.

Which number expression shows how you can count the pieces?

- $5 + 3 = $
- $5 + 5 + 5 + 5 = $
- $3 \times 5 = $
- $3 + 3 + 3 + 3 = $
29. Click on the grid to complete the third figure in the pattern.
30. The school garden has a perimeter of 38 metres.

Select all the possible shapes of the garden.