1. Arun scores 2 points for each ball he gets in the goal. How many points does he score?

2. Class 4 bake 45 cakes to sell. They put 5 cakes into each bag. How many bags do they fill?

3. a) Izzy buys 5 apples. How much does she spend?
   b) Moeed buys 6 pears. How much does he spend?
   c) Daniel spends 70p on oranges. How many does he buy?

   Apple 2p  Pear 5p  Orange 10p

   p  p  oranges
4. Class 2 go on a trip. 5 children can go in each car and there are 7 cars. How many children go on the trip?

![Car with children]

5. Tick the number sentence which matches the array.

![Array of cars]

8 + 2 = 10 [ ] 16 - 2 = 14 [ ] 8 x 2 = 16 [ ] 16 ÷ 2 = 4 [ ]

6. Do these number sentences have the same answer? Put a tick or a cross.

9 x 5 and 5 x 9 [ ]

20 ÷ 5 and 5 ÷ 20 [ ]

7. Abdul has only 5p coins. He has 45p. How many coins does he have?

![Coins]

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   a) How many football cards has Katie bought?

   b) Allan has 60 cards. How many packets did he buy?

9. Loose football cards cost 3p each. How many can Arusa afford to buy?
10. Marie is counting shoes in the cloakroom. She records it like this.

\[ 2 + 2 + 2 + 2 + 2 + 2 = 12 \]

Write 2 multiplication sentences to show how many shoes there are in total.

\[ \square \times \square = \square \]

\[ \square \times \square = \square \]

11. Use the counters to help you work out the answer to the division sequence.

\[ 30 \div \square = \square \]

12. Who has more? How do you know?

Katie

I have 4 packets. There are 5 cupcakes in each packet.

Fred

I have 10 packets. There are 3 cupcakes in each packet.
13. Can you write 2 multiplication sentences and 2 division sentences to describe the array?

\[ \begin{array}{cc}
\square \times \square &= \square \\
\square \times \square &= \square \\
\square \div \square &= \square \\
\square \div \square &= \square 
\end{array} \]

14. Write these addition sentences as multiplication sentences.

\[ 10 + 10 + 10 + 10 = 40 \]
\[ \square \times \square = \square \]

\[ 5 + 5 + 5 + 5 + 5 + 5 = 35 \]
\[ \square \times \square = \square \]

\[ 2 + 2 + 2 + 2 + 2 = 10 \]
\[ \square \times \square = \square \]

15. Use these numbers to write 4 multiplication and division sentences.

\[ 8 \quad 5 \quad 40 \]

\[ \begin{array}{cc}
\square \times \square &= \square \\
\square \times \square &= \square \\
\square \div \square &= \square \\
\square \div \square &= \square 
\end{array} \]

16. Cheng is making flowers with counters. He uses 5 counters for each flower. He has 50 counters. How many flowers can he make?
17. Emma says she has more apples. Do you agree? Explain your thinking.

Explain your thinking.

18. Osman is putting numbers in hoops. 2 of the numbers are in the wrong hoop. Draw a cross on each of them.

19. Ranu is collecting numbers. She says she has only collected even numbers. Is she right? Explain how you know.

Explain your thinking.
20. Tick 2 statements which are true of even numbers.

Even numbers don’t share fairly between 2.
Even numbers always end in 1, 3, 5, 7, 9.
Even numbers share fairly between 2.
I say my even numbers when I count in 2s.

21. Put another number on each line of the table.

<table>
<thead>
<tr>
<th>odd numbers less than 20</th>
<th>even numbers less than 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 13, 9,</td>
<td>18, 14, 10,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>odd numbers more than 20</th>
<th>even numbers more than 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>33, 79, 21,</td>
<td>26, 64, 88,</td>
</tr>
</tbody>
</table>

22. Hanan cuts a pie into 4 equal pieces. She eats 1 piece. What fraction of the pie has she eaten?

23. Pasha cuts a pie into 4 equal pieces. He eats 2 pieces. What fraction of the pie has he eaten?
24. Draw a line from each fraction to the shaded area that matches that fraction.

25. Anna measures a piece of string. She cuts it in half. How long is each piece?

26. Alfie measures a stick.

a) He breaks it into 3 same length pieces. How long is each piece?

b) What fraction is each piece? Circle the correct fraction.
27. Chelsea is giving $\frac{1}{4}$ of her teddies to the school fair. How many teddies will she still have?

![Diagram of teddies]

28. Write a sentence for this picture.

![Diagram of cars]

___ of ___ = ___

29. Ben eats $\frac{1}{3}$ of the cookies. How many cookies does he eat?

![Diagram of cookies]
30. Chow eats $\frac{1}{4}$ of the cakes. Cheng eats $\frac{1}{4}$ of the cakes. How many cakes are left?

31. Sally eats 4 cakes. What fraction of the cakes are left?
<table>
<thead>
<tr>
<th>question</th>
<th>answer</th>
<th>notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8 points</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>10p, 30p, 7 oranges</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>9 bags</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>35 children</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>8 x 2 = 16</td>
<td></td>
</tr>
</tbody>
</table>
| 6        | 9 x 5 and 5 x 9 ✓  
20 ÷ 5 and 5 ÷ 20 ✗ |       |
| 7        | 9 |       |
| 8(a)     | 50 cards |       |
| (b)      | 6 packets |       |
| 9        | 9 cards |       |
| 10       | 6 x 2 = 12  
2 x 6 = 12 |       |
<p>| 11       | Accept either 30 ÷ 3 = 10 or 30 ÷ 10 = 3 |       |
| 12       | Fred has 30, Katie has 20 so Fred has more cupcakes |       |
| 13       | 2 x 5 = 10, 5 x 2 = 10, 10 ÷ 5 = 2, 10 ÷ 5 = 2 |       |
| 14       | 4 x 10, 7 x 5 = 35, 5 x 2 = 10 |       |
| 15       | 8 x 5 = 40, 5 x 8 = 40, 40 ÷ 5 = 8, 40 ÷ 5 = 8 |       |
| 16       | 10 flowers |       |
| 17       | No, they have the same number of apples - 15. Accept an explanation that 3 x 5 is 15 and 5 x 3 is 15 so they have the same amount. |       |
| 18       | 27, 34 |       |
| 19       | No, because 29 is an odd number |       |
| 20       | Even numbers share fairly between 2, I say my even numbers when I count in 2s |       |
| 21       | Accept any appropriate answer in each box |       |
| 22       | $\frac{1}{4}$ |       |
| 23       | $\frac{1}{2}$ |       |</p>
<table>
<thead>
<tr>
<th>question</th>
<th>answer</th>
<th>notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td><img src="image" alt="Diagram" /></td>
<td>$rac{1}{4}$, $rac{1}{3}$, $rac{3}{4}$, $rac{2}{3}$, $rac{1}{2}$</td>
</tr>
<tr>
<td>25</td>
<td>7cm</td>
<td></td>
</tr>
<tr>
<td>26(a)</td>
<td>15cm</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>$rac{1}{3}$</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>2 teddies</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>$rac{1}{3}$ of 9 = 3</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>5 cookies</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>8 cakes</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>$rac{1}{2}$ or $rac{2}{4}$</td>
<td></td>
</tr>
</tbody>
</table>