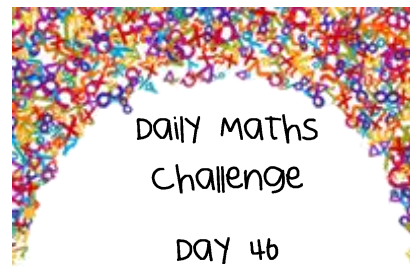


ANSWERS



Maths Focus: using tables and organising data; mathematical language; fractions and percentages; finding differences

Helpful Hints: fill in the data you know after each clue and use working out for clues involving fractions and percentages

Level 1	Level 2	Level 3																																								
<p>Beatrice has been collecting some data about children's favourite chocolate flavours. She asked 30 children in total.</p> <table border="1"><thead><tr><th>Favourite Chocolate</th><th>Number of Children</th></tr></thead><tbody><tr><td>White</td><td>15</td></tr><tr><td>Milk</td><td>10</td></tr><tr><td>Dark</td><td>5</td></tr><tr><td>Total</td><td>30</td></tr></tbody></table> <p>1. Use the clues to complete the table:</p> <ul style="list-style-type: none">• 5 children likes dark the best• Half of the total children she asked liked white chocolate the best• 5 less children preferred milk chocolate than those who chose white chocolate	Favourite Chocolate	Number of Children	White	15	Milk	10	Dark	5	Total	30	<p>Beatrice has been collecting some data about children's favourite animals. She asked 60 children in total.</p> <table border="1"><thead><tr><th>Favourite Animal</th><th>Number of Children</th></tr></thead><tbody><tr><td>Cat</td><td>22</td></tr><tr><td>Dog</td><td>18</td></tr><tr><td>Horse</td><td>2</td></tr><tr><td>Hamster</td><td>10</td></tr><tr><td>Other</td><td>8</td></tr><tr><td>Total</td><td>60</td></tr></tbody></table> <p>1. Use the clues to complete the table:</p> <ul style="list-style-type: none">• 2 children chose a horse• $\frac{1}{6}$ of the children chose a hamster• 12 more children chose a cat than those who chose a hamster• 4 less children chose a dog than those who chose a cat	Favourite Animal	Number of Children	Cat	22	Dog	18	Horse	2	Hamster	10	Other	8	Total	60	<p>Beatrice has been collecting some data about children's favourite sports. She asked 120 children in total.</p> <table border="1"><thead><tr><th>Favourite Sport</th><th>Number of Children</th></tr></thead><tbody><tr><td>Swimming</td><td>30</td></tr><tr><td>Running</td><td>4</td></tr><tr><td>Cycling</td><td>34</td></tr><tr><td>Gymnastics</td><td>12</td></tr><tr><td>Dance</td><td>16</td></tr><tr><td>Other</td><td>24</td></tr><tr><td>Total</td><td>120</td></tr></tbody></table> <p>1. Use the clues to complete the table:</p> <ul style="list-style-type: none">• A quarter of the total children chose swimming• 20% of the children chose other• 16 children chose dance• $\frac{1}{10}$ of the children chose gymnastics• 18 more children chose cycling than those who chose dance	Favourite Sport	Number of Children	Swimming	30	Running	4	Cycling	34	Gymnastics	12	Dance	16	Other	24	Total	120
Favourite Chocolate	Number of Children																																									
White	15																																									
Milk	10																																									
Dark	5																																									
Total	30																																									
Favourite Animal	Number of Children																																									
Cat	22																																									
Dog	18																																									
Horse	2																																									
Hamster	10																																									
Other	8																																									
Total	60																																									
Favourite Sport	Number of Children																																									
Swimming	30																																									
Running	4																																									
Cycling	34																																									
Gymnastics	12																																									
Dance	16																																									
Other	24																																									
Total	120																																									