



Key Instant Recall Facts

Challenge 6.4

Before moving on to the next challenge, children should know the following facts. The aim is for them to recall these facts **instantly**.

Your child's KIRF this half term is: Find a percentage of an amount.

$$10\% \text{ of } 40 =$$

In addition you can help by practicing the following:

Equivalent fractions, decimals & percentages	<p>Complete the number line to show the equivalent fractions, decimals and percentages.</p>
Order fractions, decimals & percentages	<p>Order the numbers from greatest to smallest.</p> <div> <div>50%</div> <div>$\frac{2}{5}$</div> <div>0.45</div> <div>$\frac{3}{10}$</div> <div>54%</div> <div>0.05</div> </div>
Area of a triangle	<p>Work out the areas of the triangles.</p> <div> </div>
Volume of a cuboid	<p>Find the volumes of the cuboids.</p> <div> </div>

Top Tips

The secret to success is practicing little and often. Use time wisely. Can you practice these KIRFs while walking to school or during a car journey? You do not need to practice them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.



Calculations

Challenge 6.4

Children will learn division using the following methods.

Skill: Divide multi digits by 2-digits (short division)	Year: 6																														
<table><tr><td></td><td></td><td>0</td><td>3</td><td>6</td></tr><tr><td></td><td>12</td><td>4</td><td>43</td><td>72</td></tr></table> <div>432 ÷ 12 = 36</div> <table><tr><td></td><td>0</td><td>4</td><td>8</td><td>9</td></tr><tr><td>15</td><td>7</td><td>73</td><td>133</td><td>135</td></tr></table> <table><tr><td>15</td><td>30</td><td>45</td><td>60</td><td>75</td><td>90</td><td>105</td><td>120</td><td>135</td><td>150</td></tr></table>			0	3	6		12	4	43	72		0	4	8	9	15	7	73	133	135	15	30	45	60	75	90	105	120	135	150	<p>When children begin to divide up to 4-digits by 2-digits, written methods become the most accurate as concrete and pictorial representations become less effective. Children can write out multiples to support their calculations with larger remainders. Children will also solve problems with remainders where the quotient can be rounded as appropriate.</p>
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