



Key Instant Recall Facts

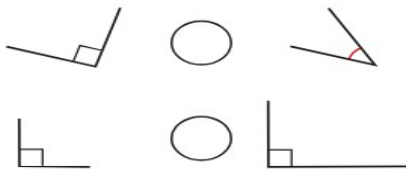
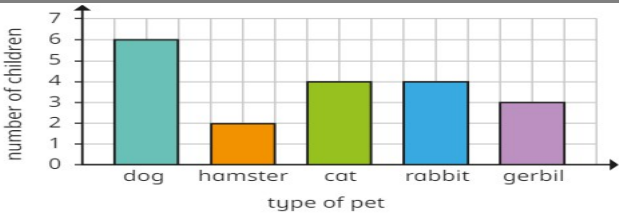
Challenge 3.6

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: 3, 4 and 8x tables.

$3 \times 4 = 12$, $5 \times 8 = 40$, $8 \times 7 = 56$

In addition you can help by practicing the following:

Compare angles										
Interpret bar charts	 <p style="text-align: center;">How many children have a dog?</p>									
Durations of time	<p>Work out the arrival times of trains A and B.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #fff9c4;"> <th>Train</th> <th>Train leaves</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>4:43 pm</td> <td>1 hour and 15 minutes</td> </tr> <tr> <td>B</td> <td>5:16 pm</td> <td>55 minutes</td> </tr> </tbody> </table>	Train	Train leaves	Duration	A	4:43 pm	1 hour and 15 minutes	B	5:16 pm	55 minutes
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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 3.6

Children will learn subtraction using the following methods.

Skill: Subtract numbers with up to 3 digits	Year: 3																		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> <div style="text-align: center; margin: 20px 0;"> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; display: inline-block;"> $435 - 273 = 162$ </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> <div style="width: 10%; text-align: center;"> $\begin{array}{r} 3 \\ 435 \\ - 273 \\ \hline 162 \end{array}$ </div> <div style="width: 45%;"> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> </div>	Hundreds	Tens	Ones							Hundreds	Tens	Ones							<p>Base 10 and place value counters are the most effective manipulative when subtracting numbers with up to 3 digits.</p> <p>Ensure children write out their calculation alongside any concrete resources so they can see the links to the written column method.</p> <p>Plain counters on a place value grid can also be used to support learning.</p>
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