



Key Instant Recall Facts


Year 4—Autumn 1

By the end of this half term, 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 1, 10, 100, 1000 more or less

E.g. $532+1=533$, $532+10=542$. $532+100=632$, $532+1000=1532$

In addition you can help by practicing the following:

Partition numbers to 10,000	
Number lines to 10,000	
Compare numbers to 10,000	
Round numbers to the nearest 10, 100 or 1,000	Here is a number.  <p style="text-align: center;">Round the number to the nearest 10, 100 and 1,000</p>

Top Tips

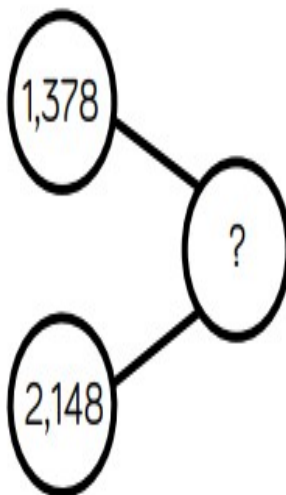





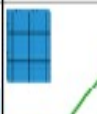



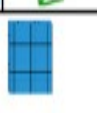

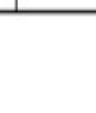

















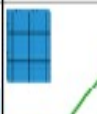



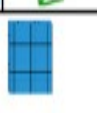

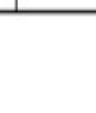

















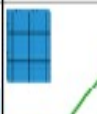



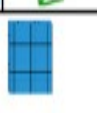

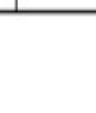
The secret to success is practicing little and often. Use time wisely. Can you practice these KIRFs while walking to school or during a car journey? You do not need to practice them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.



Calculations

Year 4 – Autumn 1

In year 4 this half term, the children will learn addition using the following methods.

Skill: Add numbers with up four digits	Year: 4																																																																										
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p>?</p> <table border="1" style="border-collapse: collapse; margin: 0 auto;"> <tr><td style="width: 50px; height: 30px;"></td><td style="width: 50px; height: 30px;"></td></tr> <tr><td style="text-align: center;">2,138</td><td style="text-align: center;">1,378</td></tr> </table> <table border="1" style="border-collapse: collapse; margin: 0 auto;"> <tr><td style="width: 150px; height: 30px; text-align: center;">2,138</td></tr> <tr><td style="width: 150px; height: 30px; text-align: center;">1,378</td></tr> </table> <p style="font-size: 2em; margin-top: 10px;">}</p> </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse; margin: 0 auto;"> <tr><td style="width: 30px; height: 30px; text-align: center;">1</td><td style="width: 30px; height: 30px; text-align: center;">3</td><td style="width: 30px; height: 30px; text-align: center;">7</td><td style="width: 30px; height: 30px; text-align: center;">8</td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td style="text-align: center;">+</td><td style="text-align: center;">2</td><td style="text-align: center;">1</td><td style="text-align: center;">4</td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">5</td><td style="text-align: center;">2</td><td style="text-align: center;">6</td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td colspan="2" style="text-align: center;">1</td><td colspan="2" style="text-align: center;">1</td></tr> </table> </div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 2px solid blue; border-radius: 15px; padding: 10px; display: inline-block;"> <h3 style="margin: 0;">1,378 + 2,148 = 3,526</h3> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <table border="1" style="border-collapse: collapse; text-align: center; width: 45%;"> <thead> <tr style="background-color: #f2f2f2;"><th>Thousands</th><th>Hundreds</th><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table> <table border="1" style="border-collapse: collapse; text-align: center; width: 45%;"> <thead> <tr style="background-color: #f2f2f2;"><th>Thousands</th><th>Hundreds</th><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table> </div>			2,138	1,378	2,138	1,378	1	3	7	8					+	2	1	4					3	5	2	6					1		1		Thousands	Hundreds	Tens	Ones																	Thousands	Hundreds	Tens	Ones																	<p>Base 10 and place value counters are the most effective manipulatives when adding numbers with up to 4 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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