



# Year 4 Summer 2 KIRFS

Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

**Recall decimal equivalents to tenths, quarters and halves.**

**E.g.,  $\frac{1}{10} = 0.1$ ,  $\frac{1}{4} = 0.25$ ,  $\frac{1}{2} = 0.5$ ,  $\frac{2}{10} = 0.2$ ,  $\frac{3}{4} = 0.75$**

**Recall time facts – convert between the 12hr and 24hr clock:  
E.g., 6.08pm = 18:08**

In addition, you can help by practising the following:

<p>Finding equivalent fractions</p>	<p><b>Equivalent Fractions</b> <b>Using Multiplication</b> Multiply the numerator and denominator of a fraction by the same number.</p> <p><math>\frac{1}{3} \times 2 = \frac{2}{6}</math>    <math>\frac{2}{5} \times 4 = \frac{8}{20}</math></p>																																																			
<p>Roman numerals to 100</p>	<table border="1"> <tr> <td>I</td> <td>V</td> <td>X</td> <td>L</td> <td>C</td> </tr> <tr> <td>1</td> <td>5</td> <td>10</td> <td>50</td> <td>100</td> </tr> </table>	I	V	X	L	C	1	5	10	50	100	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>II</td></tr> <tr><td>3</td><td>III</td></tr> <tr><td>4</td><td>IV</td></tr> <tr><td>5</td><td>V</td></tr> <tr><td>6</td><td>VI</td></tr> <tr><td>7</td><td>VII</td></tr> <tr><td>8</td><td>VIII</td></tr> <tr><td>9</td><td>IX</td></tr> <tr><td>10</td><td>X</td></tr> <tr><td>11</td><td>XI</td></tr> <tr><td>20</td><td>XX</td></tr> <tr><td>30</td><td>XXX</td></tr> <tr><td>40</td><td>XL</td></tr> <tr><td>50</td><td>L</td></tr> <tr><td>60</td><td>LX</td></tr> <tr><td>70</td><td>LXX</td></tr> <tr><td>80</td><td>LXXX</td></tr> <tr><td>90</td><td>XC</td></tr> <tr><td>100</td><td>C</td></tr> </table>	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8	VIII	9	IX	10	X	11	XI	20	XX	30	XXX	40	XL	50	L	60	LX	70	LXX	80	LXXX	90	XC	100	C
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<p>Identify equilateral, isosceles, right angled, and scalene triangles</p>	<p><b>TRIANGLES!</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>EQUILATERAL TRIANGLE</b> 3 EQUAL SIDES 3 EQUAL ANGLES</p> </div> <div style="text-align: center;"> <p><b>SCALED TRIANGLE</b> 3 DIFFERENT SIDES 3 DIFFERENT ANGLES</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>ISOSCELES TRIANGLE</b> 2 EQUAL SIDES 2 EQUAL ANGLES</p> </div> <div style="text-align: center;"> <p><b>RIGHT ANGLED TRIANGLE</b> 1 RIGHT ANGLE (90°)</p> </div> </div>																																																			