






# Year 3 Summer 2 KIRFs

Key Instant Recall Facts (KIRFs) are designed to support the development of the mental skills that underpin much of the maths work in school. Instant recall facts help enormously with mental agility within maths lessons.

Your child's KIRF this term is: Number bonds to multiples of 10

$$\begin{array}{l}
 1+89=90 \quad 2+88=90 \text{ etc.} \\
 1+79=80 \quad 2+78=80 \text{ etc.} \\
 1+69=70 \quad 2+68=70 \text{ etc.} \\
 1+59=60 \quad 2+58=60 \text{ etc.} \\
 1+49=50 \quad 2+48=50 \text{ etc.} \\
 1+39=40 \quad 2+38=40 \text{ etc.} \\
 1+29=30 \quad 2+28=30 \text{ etc.}
 \end{array}$$

In addition, you can help by practising the following:

Acute and obtuse angles	 Acute Angle      Obtuse Angle																								
Count in 50s	50, 100, 150, 200, 250, 300, 350 ...																								
Add and subtract mentally 3 digit and 100s	469 - 200 = 269      624 + 300 = 924																								
Halve multiples of 100 to 5000	Half of 500 is 250    Half of 600 is 300																								
3 x table and related division facts 	<table><tr><td>1x3=3</td><td>2x3=6</td><td>3x3=9</td><td>4x3=12</td></tr><tr><td>5x3=15</td><td>6x3=18</td><td>7x3=21</td><td>8x3=24</td></tr><tr><td>9x3=27</td><td>10x3=30</td><td>11x3=33</td><td>12x3=36</td></tr><tr><td>3÷3=1</td><td>6÷3=2</td><td>9÷3=3</td><td>12÷3=4</td></tr><tr><td>15÷3=5</td><td>18÷3=6</td><td>21÷3=7</td><td>24÷3=8</td></tr><tr><td>27÷3=9</td><td>30÷3=10</td><td>33÷3=11</td><td>36÷3=12</td></tr></table>	1x3=3	2x3=6	3x3=9	4x3=12	5x3=15	6x3=18	7x3=21	8x3=24	9x3=27	10x3=30	11x3=33	12x3=36	3÷3=1	6÷3=2	9÷3=3	12÷3=4	15÷3=5	18÷3=6	21÷3=7	24÷3=8	27÷3=9	30÷3=10	33÷3=11	36÷3=12
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Recognise non unit fractions small denominator																									
Change from other multiple of 10 up to £1	Cost 54p, paid 60p so 6p change Cost 72p, paid 90p so 18p change																								