



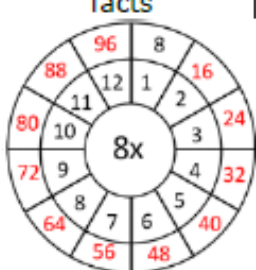



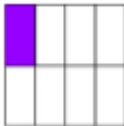




# Year 3 Summer 1 KIRFs

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:

$20+30=50$	$20+40=60$	$20+50=70$
$20+60=80$	$20+70=90$	$30+40=70$
$30+50=80$	$30+60=90$	$40+50=90$

In addition, you can help by practising the following:

Count in 100s	100, 200, 300, 400, 500, 600, 700 etc.																								
Horizontal and vertical lines	<div><div></div><div></div></div>																								
Add and subtract mentally 3 digit numbers and 10s	$456 - 40 = 416$ $617 + 50 = 667$																								
Double multiples of 100 to 5000	Double 700 is 1400   Double 800 is 1600																								
8 x table and related division facts 	<table><tr><td><math>1 \times 8 = 8</math></td><td><math>2 \times 8 = 16</math></td><td><math>3 \times 8 = 24</math></td><td><math>4 \times 8 = 32</math></td></tr><tr><td><math>5 \times 8 = 40</math></td><td><math>6 \times 8 = 48</math></td><td><math>7 \times 8 = 56</math></td><td><math>8 \times 8 = 64</math></td></tr><tr><td><math>9 \times 8 = 72</math></td><td><math>10 \times 8 = 80</math></td><td><math>11 \times 8 = 88</math></td><td><math>12 \times 8 = 96</math></td></tr><tr><td><math>8 \div 8 = 1</math></td><td><math>16 \div 8 = 2</math></td><td><math>24 \div 8 = 3</math></td><td><math>32 \div 8 = 4</math></td></tr><tr><td><math>40 \div 8 = 5</math></td><td><math>48 \div 8 = 6</math></td><td><math>56 \div 8 = 7</math></td><td><math>64 \div 8 = 8</math></td></tr><tr><td><math>72 \div 8 = 9</math></td><td><math>80 \div 8 = 10</math></td><td><math>88 \div 8 = 11</math></td><td><math>96 \div 8 = 12</math></td></tr></table>	$1 \times 8 = 8$	$2 \times 8 = 16$	$3 \times 8 = 24$	$4 \times 8 = 32$	$5 \times 8 = 40$	$6 \times 8 = 48$	$7 \times 8 = 56$	$8 \times 8 = 64$	$9 \times 8 = 72$	$10 \times 8 = 80$	$11 \times 8 = 88$	$12 \times 8 = 96$	$8 \div 8 = 1$	$16 \div 8 = 2$	$24 \div 8 = 3$	$32 \div 8 = 4$	$40 \div 8 = 5$	$48 \div 8 = 6$	$56 \div 8 = 7$	$64 \div 8 = 8$	$72 \div 8 = 9$	$80 \div 8 = 10$	$88 \div 8 = 11$	$96 \div 8 = 12$
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Recognise unit fractions small denominator	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>																								
Change from 50p	<div><div></div><div></div><div>Costs 34p change is 16p</div></div>																								