

# Year 3 — Spring 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 KIRF this term is: Mass and Capacity conversions

1 tonne = 1000 kilograms

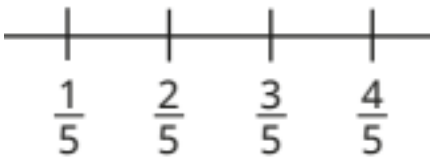
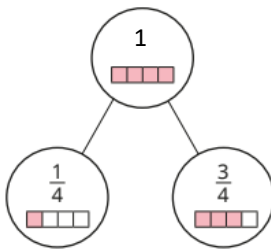
1 kilogram = 1000 grams

1 gram = 1000 milligrams

1 litre = 1000 millilitres

1 centilitre = 10 millilitres

## Extra things you could practice:

Order unit fractions	From greatest to smallest: $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{6}$ $\frac{1}{9}$ $\frac{1}{11}$																														
Order non-unit fractions with the same denominator																															
4x and 8x table	<table><tr><td><math>1 \times 4 = 4</math></td><td><math>6 \times 4 = 24</math></td><td><math>11 \times 4 = 44</math></td><td><math>1 \times 8 = 8</math></td><td><math>6 \times 8 = 48</math></td><td><math>11 \times 8 = 88</math></td></tr><tr><td><math>2 \times 4 = 8</math></td><td><math>7 \times 4 = 28</math></td><td><math>12 \times 4 = 48</math></td><td><math>2 \times 8 = 16</math></td><td><math>7 \times 8 = 56</math></td><td><math>12 \times 8 = 96</math></td></tr><tr><td><math>3 \times 4 = 12</math></td><td><math>8 \times 4 = 32</math></td><td></td><td><math>3 \times 8 = 24</math></td><td><math>8 \times 8 = 64</math></td><td></td></tr><tr><td><math>4 \times 4 = 16</math></td><td><math>9 \times 4 = 36</math></td><td></td><td><math>4 \times 8 = 32</math></td><td><math>9 \times 8 = 72</math></td><td></td></tr><tr><td><math>5 \times 4 = 20</math></td><td><math>10 \times 4 = 40</math></td><td></td><td><math>5 \times 8 = 40</math></td><td><math>10 \times 8 = 80</math></td><td></td></tr></table>	$1 \times 4 = 4$	$6 \times 4 = 24$	$11 \times 4 = 44$	$1 \times 8 = 8$	$6 \times 8 = 48$	$11 \times 8 = 88$	$2 \times 4 = 8$	$7 \times 4 = 28$	$12 \times 4 = 48$	$2 \times 8 = 16$	$7 \times 8 = 56$	$12 \times 8 = 96$	$3 \times 4 = 12$	$8 \times 4 = 32$		$3 \times 8 = 24$	$8 \times 8 = 64$		$4 \times 4 = 16$	$9 \times 4 = 36$		$4 \times 8 = 32$	$9 \times 8 = 72$		$5 \times 4 = 20$	$10 \times 4 = 40$		$5 \times 8 = 40$	$10 \times 8 = 80$	
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Fractions that make a whole																															
Count in fractions on a number line	