
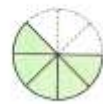




Year 6 Maths Week Commencing 31st January 2022



Monday 31.01.2022	Tuesday 01.02.2022	Wednesday 02.02.2022	Thursday 03.02.2022	Friday 04.02.2022
LO: To work out percentages from missing information	LO: To use and simplify the notation of ratio	LO: To use and simplify the notation of ratio	LO: To use fractions as operators	<p>Maths Whizz</p> <p>60 minutes</p>  <p>Maths-Whizz® Brought to you by Whizz Education</p> <p>Login Maths-Whizz</p>
<p>Use Classroom Secrets PowerPoint for teacher input.</p> <p>Complete:</p> <ul style="list-style-type: none"> - Introduction - Fluency questions - Reasoning and problem solving questions <p>Make links with your knowledge of multiplication and division facts to help calculate using fractions.</p>	<p>Watch WRM teaching video for input.</p> <p>GSPA: Using ratio language Great Staughton Primary Academy (primarysite.media)</p> <p>KPA: Using ratio language Kimbolton Primary Academy (primarysite.media)</p>	<p>EXPRESSING RATIOS Fractions compare part to whole. Ratios compare part to part.</p> <p><i>Example 1</i> A cake is cut into 8 equal slices. 3 slices are eaten.</p>  <p>$\frac{3}{8}$ eaten $\frac{5}{8}$ uneaten</p> <p>The ratio of eaten to uneaten slices is 3 to 5. This is written as 3 : 5.</p> <p><i>Example 2</i> Seven of the footballers in a team are right-footed, four are left-footed. The ratio of right- to left-footed players is 7 : 4.</p> <p>SIMPLIFYING RATIOS Writing a ratio in its lowest terms makes it easier to use. As with cancelling fractions, ratios are simplified by dividing each number by the highest common factor.</p> <p><i>Example 1</i> In a test Jamil gets 15 questions right and 5 questions wrong. The ratio of right to wrong answers is 15 : 5, which can be simplified to 3 : 1.</p> <p><i>Example 2</i> Simplify these ratios:</p> <p>$2 : 8 \rightarrow 1 : 4$ $21 : 6 \rightarrow 7 : 2$ $25 : 40 \rightarrow 5 : 8$</p>	<p>Use Classroom Secrets PowerPoint for teacher input.</p> <p>Complete:</p> <ul style="list-style-type: none"> - Introduction - Fluency questions - Reasoning and problem solving questions <p><i>If needed, for consolidation purposes, focus on fluency for lesson and broaden understanding. Use WRM resource for this if continuing with fluency.</i></p>	
<p><u>Activity/Resources:</u></p> <p>Complete one level for both fluency and RPS differentiated worksheets</p>	<p><u>Activity/Resources:</u></p> <p>Complete WRM worksheet</p> <p>Extension: True or false task</p>	<p><u>Activity/Resources:</u></p> <p>Complete one level from differentiated worksheet</p>	<p><u>Activity/Resources:</u></p> <p>Complete one level for both fluency and RPS differentiated worksheets Or WRM fluency sheet</p>	

Please use Tapestry to upload completed work. If you do not use Tapestry, please email to school office.

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