

Year 5 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 multiply fractions by an integer	LO: To multiply mixed fractions by an integer	LO: To calculate fractions of a quantity	LO: To use fractions as operators	Maths Whizz
Think about how you would solve: $3 \times \frac{1}{8} = 3 \times \frac{1}{10} = $ $2 \times \frac{3}{7} = 5 \times \frac{2}{11} = $	Consolidate learning from previous lesson. Progress today is using mixed fractions. Examples: To multiply a fraction by a whole number multiply the numerator by the whole number and change to a mixed number. $\frac{3}{4} \times 5 = \frac{15}{4} = 3\frac{3}{4}$	Use Classroom Secrets PowerPoint for teacher input. Complete: - Introduction - Fluency questions - Reasoning and problem solving questions	Use Classroom Secrets PowerPoint for teacher input. Complete: - Introduction - Fluency questions - Reasoning and problem solving questions	60 minutes
Example of solving: $3 \times \frac{1}{8} = $ $3 \text{ lots of } 1/8 = \underline{3/8}$	To multiply a mixed number change it to an improper fraction and put the whole number over 1 before multiplying. $2\frac{1}{4}\times 5 = \frac{9}{4}\times \frac{5}{1} = \frac{45}{4} = 11\frac{1}{4}$ Simplify by cancelling either number with either denominator. $2\frac{1}{4}\times 6 = \frac{9}{4}_2\times \frac{6}{1}^3 = \frac{27}{2} = 13\frac{1}{2}$	Make links with your knowledge of multiplication and division facts to help calculate using fractions.	Make links with your knowledge of multiplication and division facts to help calculate using fractions.	Maths-Whizz Brought to you by Whizz Education Login Maths-Whizz
Activity/Resources: Complete WRM worksheets Sheet 1: unit fractions Sheet 2: non-unit fractions	Activity/Resources: Complete differentiated worksheet.	Activity/Resources: Complete one level for both fluency and RPS differentiated worksheets	Activity/Resources: Complete one level for both fluency and RPS differentiated worksheets	