
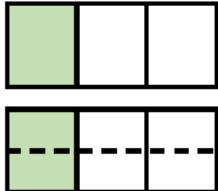

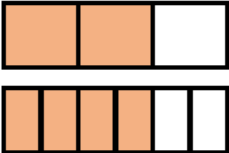




Number date: 26.01.21	WALT: Divide fractions by an integer GD: Divide fractions by an integer to solve real life problems	Teacher Assessment Fluency: Varied fluency: Reasoning/PS: Greater depth:
Roman numeral date: XXVI.I.MMXXI		
SA:		Self-Assessment Fluency: Varied fluency: Reasoning/PS: Greater depth:
Fluency		Answers
Mo is dividing $\frac{1}{3}$ by 2  <div style="border: 1px solid green; border-radius: 15px; padding: 10px; display: inline-block;"> <p>I have divided one third into 2 equal parts. Each part is worth $\frac{1}{6}$</p> $\frac{1}{3} \div 2 = \frac{1}{6}$ </div>  <p>Draw diagrams to calculate:</p> $\frac{1}{3} \div 3 = \quad \frac{2}{3} \div 3 = \quad \frac{1}{5} \div 3 = \quad \frac{2}{5} \div 3 =$		
Varied Fluency		Answers
Annie is dividing $\frac{2}{3}$ by 4  <div style="border: 1px solid orange; border-radius: 15px; padding: 10px; display: inline-block;"> <p>The numerator isn't a multiple of the integer I am dividing by so I will find an equivalent fraction to help me divide the numerator equally.</p> </div>  <p>Find equivalent fractions to calculate:</p> $\frac{3}{5} \div 2 \qquad \frac{1}{3} \div 3 \qquad \frac{2}{3} \div 3$ 		
Reasoning and Problem Solving		Answers
Alex says,  <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; display: inline-block;"> <p>I can only divide a fraction by an integer if the numerator is a multiple of the divisor.</p> </div> <p>Do you agree? Explain why.</p>		
Greater Depth		Answers

Calculate the missing fractions and integers.

$$\square \div 4 = \frac{7}{36}$$

$$\frac{3}{20} \div \square = \frac{3}{80}$$

$$\square \div \square = \frac{2}{5}$$

Is there more than one possibility?