Grade 5 Unit 2
Lesson 8
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Unit 2 Lesson 8: Divide to Multiply Non-unit Fractions

WU True or False: A Fraction by a Whole Number (Warm up)

Student Task Statement

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $2 \times \left(\frac{1}{3} \times 6 \right) = \frac{2}{3} \times 6$
- $2 \times \left(\frac{1}{3} \times 6 \right) = 2 \times (6 \div 3)$
- $\frac{2}{3} \times 6 = 2 \times \left(\frac{1}{4} \times 6 \right)$

1 Multiply a Whole Number by a Fraction
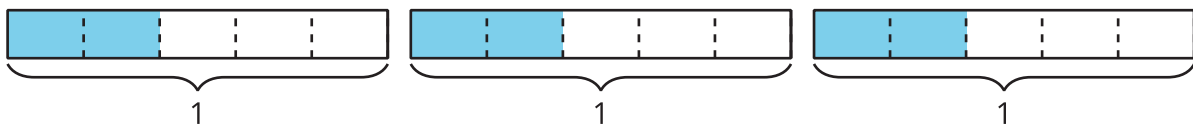
Student Task Statement

Find the value of each expression. Explain or show your reasoning. Draw a diagram if it is helpful.

1. $\frac{1}{5} \times 3$
2. $\frac{2}{5} \times 3$
3. $\frac{3}{5} \times 3$

2 Match Expressions to Diagrams

Student Task Statement

Explain how each expression represents the shaded region.

1. $2 \times (3 \div 5)$
2. $\frac{6}{5}$
3. $3 \times \frac{2}{5}$

4. $3 \times 2 \times \frac{1}{5}$