

Multiplying Fractions by Whole Numbers



- 1 Using the diagram below to help you, complete the following multiplication:

$$\frac{2}{7} \times 3 = \frac{\boxed{}}{\boxed{}}$$



We can think of multiplication as **repeated additions**. Use this to help you solve the following two problems.

2 $\frac{3}{10} \times 3 = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{9}{10}$

3 $\frac{2}{13} \times 5 = \frac{2}{13} + \frac{2}{13} + \frac{2}{13} + \frac{2}{13} + \frac{2}{13} = \frac{\boxed{}}{\boxed{}}$

Or, we can simply multiply the **numerator** of the fraction by the number!

4 $\frac{5}{16} \times 3 = \frac{\boxed{}}{16}$

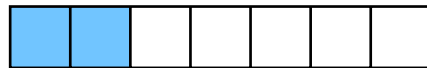
5 $\frac{2}{11} \times 4 = \frac{\boxed{}}{\boxed{}}$

Multiplying Fractions by Whole Numbers **Answers**



- 1 Using the diagram below to help you, complete the following multiplication:

$$\frac{2}{7} \times 3 = \frac{6}{7}$$



2 $\frac{3}{10} \times 3 = \frac{3}{10} + \frac{3}{10} + \frac{3}{10} = \frac{9}{10}$

3 $\frac{2}{13} \times 5 = \frac{2}{13} + \frac{2}{13} + \frac{2}{13} + \frac{2}{13} + \frac{2}{13} = \frac{10}{13}$

4 $\frac{5}{16} \times 3 = \frac{15}{16}$

5 $\frac{2}{11} \times 4 = \frac{8}{11}$