

Multiplying Fractions by Whole Numbers Worksheet

4th Grade - multiplying a fraction by a whole number | 15 minutes

Name: _____ Date: _____

Multiply each fraction by the whole number. Multiply the top number; keep the bottom number.

Example: $3 \times \frac{1}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$.

1. $3 \times \frac{1}{4} =$

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

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

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

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

6. $2 \times \frac{3}{4} =$

7. $6 \times \frac{1}{6} =$

8. $4 \times \frac{2}{3} =$

Challenge

9. A recipe uses $\frac{1}{3}$ cup of sugar. How much is needed for 4 batches?

10. Why does the denominator stay the same when you multiply $3 \times \frac{1}{4}$?
