# Multiplying Fractions and Whole Numbers

Name: _____ Date: _____

***Remember:*** *To multiply a fraction by a whole number, multiply the numerator by the whole number and keep the denominator the same. Always simplify your answer!*

## Part A: Basic Multiplication

Multiply and simplify your answers.

1) $3 \times \frac{2}{5}$ = _____

2) $4 \times \frac{1}{3}$ = _____

3) $5 \times \frac{3}{10}$ = _____

4) $2 \times \frac{5}{8}$ = _____

5) $6 \times \frac{2}{3}$ = _____

6) $7 \times \frac{4}{7}$ = _____

7) $8 \times \frac{3}{4}$ = _____

8) $9 \times \frac{5}{9}$ = _____

## Part B: Requires Simplification

Multiply and write your answer in simplest form.

9) $4 \times \frac{3}{8}$ = _____

10) $6 \times \frac{5}{12}$ = _____

11) $10 \times \frac{2}{5}$ = _____

12) $12 \times \frac{3}{4}$ = _____

13) $15 \times \frac{2}{9}$ = _____

14) $8 \times \frac{5}{6}$ = _____

## Part C: Mixed Practice

Multiply and simplify. Write improper fractions as mixed numbers where appropriate.

15) $7 \times \frac{3}{14}$ = _____

16) $9 \times \frac{4}{6}$ = _____

17) $5 \times \frac{7}{10}$ = _____

18) $11 \times \frac{2}{11}$ = _____

## Part D: Word Problems

19) A recipe calls for $\frac{2}{3}$ cup of flour. If you want to make 6 batches, how many cups of flour do you need?

Answer: _____

20) Sarah runs $\frac{3}{4}$ of a kilometre each morning. How far does she run in 8 days?

Answer: _____