

Multiplying Algebraic Fractions Worksheet

Simplify the following.

$$1 \quad \frac{5x}{2} \times \frac{6}{x}$$

$$2 \quad \frac{x}{3} \times \frac{21}{x+1}$$

$$3 \quad \frac{4x}{7} \times \frac{35}{6x}$$

$$4 \quad \frac{x+5}{8} \times \frac{4}{2x+10}$$

$$5 \quad \frac{x+3}{4} \times \frac{3}{2x+6}$$

$$6 \quad \frac{14x}{7} \times \frac{7}{2x}$$

$$7 \quad \frac{3}{2x} \times \frac{x}{15}$$

$$8 \quad \frac{2x+4}{18} \times \frac{3}{5}$$

$$9 \quad \frac{x}{4} \times \frac{16}{9x}$$

$$10 \quad \frac{6x}{3} \times \frac{7}{4x}$$

$$11 \quad \frac{2x}{x+5} \times \frac{3x+15}{4}$$

$$12 \quad \frac{x}{x-4} \times \frac{2x-8}{3}$$