

# Integer and Fraction Operations

Name \_\_\_\_\_

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Period \_\_\_\_\_

**Evaluate each expression.**

1)  $5 + (-8)$

2)  $(-1) - 1$

3)  $5 - (-4)$

4)  $8 - (-5)$

5)  $(-4) + (-4)$

6)  $6 + (-6)$

**Find each product.**

7)  $(-2)(-5)$

8)  $(-2)(4)$

9)  $(-4)(5)$

10)  $(-4)(-1)$

**Find each quotient.**

11)  $\frac{-30}{5}$

12)  $\frac{-49}{-7}$

13)  $\frac{-28}{-4}$

14)  $\frac{-42}{6}$

Find the product in simplest form.

$$\frac{5}{7} \times \frac{4}{5} = \text{---} = \text{---}$$

$$\frac{2}{3} \times \frac{1}{4} = \text{---} = \text{---}$$

$$\frac{7}{9} \times \frac{6}{7} = \text{---} = \text{---}$$

$$\frac{5}{9} \times \frac{3}{5} = \text{---} = \text{---}$$

Find the quotient in simplest form.

$$\frac{6}{5} \div \frac{4}{3}$$

$$\frac{2}{9} \div \frac{18}{7}$$

Find the sum or difference. (Common denominators are required for this.)

**Evaluate each expression.**

$$1) \frac{4}{5} + \frac{4}{7}$$

$$2) \frac{5}{4} + \frac{3}{4}$$

$$3) \frac{1}{2} + \frac{11}{8}$$

$$4) \frac{5}{4} + \frac{4}{3}$$

**Find each difference.**

$$7) \frac{5}{3} - \frac{2}{5}$$

$$8) \frac{7}{4} - \frac{6}{7}$$

$$9) \frac{7}{6} - \frac{1}{3}$$

$$10) \frac{4}{3} - \frac{6}{7}$$