

# Negative Numbers: + and -

Negative Numbers: Numbers less than zero.

## Addition

$$\text{Pos} + \text{Pos} = \text{Pos}$$

$$\text{Pos} + \text{Neg} = \text{Greater Sign}$$

$$\text{Neg} + \text{Pos} = \text{Greater Sign}$$

$$\text{Neg} + \text{Neg} = \text{Neg}$$

## Subtraction

$$5 - 5 \text{ becomes } 5 + (-5) = 0$$

$$5 - (-6) \text{ becomes } 5 + 6 = 11$$

Solve.

1  $-3 + (-2) =$  \_\_\_\_\_

2  $3 - (-2) =$  \_\_\_\_\_

3  $-4 + (-7) =$  \_\_\_\_\_

4  $-10 - (-5) =$  \_\_\_\_\_

5  $-4 - 6 =$  \_\_\_\_\_

6  $12 - (-12) =$  \_\_\_\_\_

7  $15 + (-29) =$  \_\_\_\_\_

8  $-7 - 7 =$  \_\_\_\_\_

9  $8 + (-6) =$  \_\_\_\_\_

10  $-20 - (-4) =$  \_\_\_\_\_

11  $-25 - 55 =$  \_\_\_\_\_

12  $50 + (-10) =$  \_\_\_\_\_

# Negative Numbers: $\times$ and $\div$

Multiplication  
Pos  $\times$  Pos = Pos  
Pos  $\times$  Neg = Neg  
Neg  $\times$  Neg = Pos

Division  
Pos  $\div$  Pos = Pos  
Pos  $\div$  Neg = Neg  
Neg  $\div$  Neg = Pos

Solve:

1  $5 \times (-9) =$  \_\_\_\_\_

2  $-7 \times (-7) =$  \_\_\_\_\_

3  $-100 \div (-2) =$  \_\_\_\_\_

4  $-1 \div (-2) =$  \_\_\_\_\_

5  $-4 \times 5 =$  \_\_\_\_\_

6  $-10 \div 5 =$  \_\_\_\_\_

7  $-4 \times 6 =$  \_\_\_\_\_

8  $12 \div (-12) =$  \_\_\_\_\_

9  $-8 \times (-6) =$  \_\_\_\_\_

10  $-20 \div (-4) =$  \_\_\_\_\_

11  $-5 \times 5 \times (-10) =$  \_\_\_\_\_

12  $6 \times (-10) \times (-2) \times (-1) =$  \_\_\_\_\_