



Name:

## Addition of Integers

1.  $-1 + (-100) =$  \_\_\_\_\_

2.  $-5 + 100 =$  \_\_\_\_\_

3.  $100 + (-5) =$  \_\_\_\_\_

4.  $-250 + 50 =$  \_\_\_\_\_

5.  $50 + (-250) =$  \_\_\_\_\_

6.  $-50 + (-250) =$  \_\_\_\_\_

7.  $50 + 250 =$  \_\_\_\_\_

8.  $250 + (-50) =$  \_\_\_\_\_

9.  $100 + 5 =$  \_\_\_\_\_

10.  $100 + (-50) =$  \_\_\_\_\_



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## Subtraction of Integers

$$a - b = a + (-b)$$

1.  $-1 - (-100) = \underline{-1 + 100} = \underline{\hspace{2cm}}$

2.  $-5 - 100 = \underline{\hspace{2cm}}$

3.  $100 - (-5) = \underline{\hspace{2cm}}$

4.  $-250 - 50 = \underline{\hspace{2cm}}$

5.  $50 - (-250) = \underline{\hspace{2cm}}$

6.  $-50 - (-250) = \underline{\hspace{2cm}}$

7.  $50 - 250 = \underline{\hspace{2cm}}$

8.  $250 - (-50) = \underline{\hspace{2cm}}$

9.  $100 - 5 = \underline{\hspace{2cm}}$

10.  $100 - (-50) = \underline{\hspace{2cm}}$



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### Multiplication Sign Rule

same sign

$$\begin{array}{l} + \times + = + \\ - \times - = + \end{array}$$

different sign

$$\begin{array}{l} + \times - = - \\ - \times + = - \end{array}$$

## Multiplication of Integers

1.  $(-1) \times (-100) =$  \_\_\_\_\_
2.  $(-1) \times 100 =$  \_\_\_\_\_
3.  $1 \times (-100) =$  \_\_\_\_\_
4.  $1 \times 100 =$  \_\_\_\_\_
5.  $(-2) \times 100 =$  \_\_\_\_\_
6.  $(-10) \times 100 =$  \_\_\_\_\_
7.  $(-10) \times (-100) =$  \_\_\_\_\_
8.  $10 \times 100 =$  \_\_\_\_\_
9.  $-10 \times 10 =$  \_\_\_\_\_
10.  $-100 \times 100 =$  \_\_\_\_\_



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## Division of Integers

1.  $(-100) \div (-100) =$  \_\_\_\_\_

2.  $(-1999) \div 100 =$  \_\_\_\_\_

3.  $109 \div (-1) =$  \_\_\_\_\_

4.  $1 \div 1 =$  \_\_\_\_\_

5.  $(-2) \div 1 =$  \_\_\_\_\_

6.  $(-10) \div 1 =$  \_\_\_\_\_

7.  $(-10) \div (-1) =$  \_\_\_\_\_

8.  $10 \div 10 =$  \_\_\_\_\_

9.  $(-1000) \div 100 =$  \_\_\_\_\_

10.  $(-100) \div 100 =$  \_\_\_\_\_