

Adding & Subtracting Integers

1 Fill in the blank:

Adding a negative
is the same as
Subtracting a positive.

2 Fill in the blank:

Subtracting a negative
is the same as
Adding a positive.

3 Calculate:

$$10 + -6 \quad \text{"case 2"}$$
$$10 - 6$$
$$\textcircled{4}$$

4 Calculate:

$$5 - -5 \quad \text{"case 1"}$$
$$5 + 5$$
$$\textcircled{10}$$

5 Calculate:

$$-2 - 12 \quad \text{"case 3"}$$
$$-2 - 12$$
$$\textcircled{-14}$$

6 Calculate:

$$-1 + -4 \quad \text{"case 3"}$$
$$-1 - 4$$
$$\textcircled{-5}$$

7 Calculate:

$$-11 + 2 \quad \text{"case 4"}$$
$$\textcircled{-9}$$

8 Calculate:

$$8 + -14 \quad \text{"case 2"}$$
$$8 - 14$$
$$\textcircled{-6}$$

9 Calculate:

$$-9 - -7 \quad \text{"case 4"}$$
$$-9 + 7$$
$$\textcircled{-2}$$

10 Calculate:

$$5 - -10 \quad \text{"case 1"}$$
$$5 + 10$$
$$\textcircled{15}$$

Multiplying & Dividing Integers

1 Calculate:

$$2 \times -5 = \underline{-10}$$

$$-2 \times -5 = \underline{10}$$

2 Calculate:

$$6 \div -2 = \underline{-3}$$

$$-6 \div -2 = \underline{3}$$

3 Calculate:

$$\frac{-15}{3} = \underline{-5}$$

$$\frac{-15}{-3} = \underline{5}$$

4 Calculate:

$$-1 \times 4 \times -3 = \underline{12}$$

$$-1 \times -4 \times -3 = \underline{-12}$$

5 Calculate:

$$\frac{-8}{-2} \times -5$$

$$4 \times -5$$

$$\underline{-20}$$

6 Calculate:

$$\frac{-4 \times 6}{-3}$$

$$\frac{-24}{-3} = \underline{8}$$

7 Calculate:

$$\frac{-25}{-5} \times \frac{-40}{8}$$

$$5 \times -5$$

$$\underline{-25}$$

8 Calculate:

$$\frac{-9 \times 10}{-3 \times -5 \times 2}$$

$$\frac{-90}{30} = \underline{-3}$$

9 Calculate: (Hint: notice the addition!)

$$\frac{-12}{-2} + \frac{-5}{5}$$

$$6 + -1$$

$$\underline{5}$$

10 Calculate: (Hint: notice the addition!)

$$-8 + \frac{6}{-3}$$

$$-8 + -2$$

$$\underline{-10}$$

