

Warm-up Integers

Name _____

Operations on Integers

Date _____

Add.

$8 + -5 =$

$-6 + -9 =$

$-25 + 15 =$

Subtract.

$3 - 9 =$

$5 - -6 =$

$-6 - 4 =$

Multiply.

$5 \cdot -9 =$

$-7 \cdot -9 =$

$(-3)(8) =$

Divide.

$18 \div -3 =$

$-40 \div -8 =$

$0 \div -7 =$

Compute.

$5 + 3 \cdot 4 + 1 =$

$6(2 - 7) + 4 =$

First write down the problem. Then find the answer.

Terry had \$10. Then she got \$5 for her birthday. She spent \$7 on a watch. Then she earned \$6 working after school, but she lost \$1 on the way home. How much money did she have when she got home?

Problem:

Answer:

Adding Integers WS 2

Name _____

Date _____

Per/Class _____

1. $16 + 8 =$ $5 + 5 =$ $10 + (-11) =$

2. $12 + (-10) =$ $19 + 13 =$ $(-3) + 19 =$

3. $(-18) + 19 =$ $15 + (-4) =$ $5 + 1 =$

4. $(-2) + 16 =$ $(-15) + 8 =$ $(-18) + (-14) =$

5. $10 + 1 =$ $(-7) + (-9) =$ $2 + (-2) =$

6. $1 + (-9) =$ $8 + (-18) =$ $(-7) + (-12) =$

7. $(-2) + (-15) =$ $(-20) + (-3) =$ $4 + 2 =$

8. $(-13) + 4 =$ $(-12) + (-10) =$ $19 + (-19) =$

9. $(-14) + (-19) =$ $3 + 11 =$ $19 + 14 =$

10. $14 + 9 = \underline{\hspace{1cm}}$ $(-15) + 6 = \underline{\hspace{1cm}}$ $(-12) + 17 = \underline{\hspace{1cm}}$

[Answer Key](#)

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~Combine Like Terms~

Name_____

(Simplify by Stacking)

Date_____#_____

EXAMPLE

EX	$7w + 4y - 8 + 6w - 9y - 5$	$7w + 4y - 8$	$+ 6w$	$- 9y$	$- 5$
			$+ 6w$	$- 9y$	$- 5$
			$13w - 5y - 13$		

Use Stacking to Simplify

1) $-13x - 3 + -4x - 10x$	2) $x + 3 - 10x + 2x + 4$
3) $-2x + 14 + x + 6x + 6 + 9x$	4) $x + 14x - 10 + -3x + 14$
5) $-3 - 5x + -2$	6) $2xy - 3x + 4x - 5xy + 7x - 3$

~Solving Equations WS2~

Addition and Subtractions Properties.

Name_____

Date_____

Solve each equation for 'x'.

ex.) $6 = x + 8$ $\begin{array}{r} -8 \\ -8 \end{array}$ $-2 = x$	2) $2 = -5 + x$	3) $10 = x - 15$
4) $2 = x - 3$	5) $16 = -5 + x$	6) $x + 3 = 11$
7) $-5 = 15 - x$	8) $8 = x + 15$	9) $-9 = -6 + x$
10) $x + 8 = 6$	11) $-55 = x - 13$	12) $11 = x - 5$
13) $15 = x + -5$	14) $x + 6 = 3$	15) $x - 5 = 8$
16) $6 = 9 - x$	17) $-5 = x - 5$	18) $x + 3 = -51$
19) $x - m = 5$	20) $d + x = -2$	21) $9 = q - x$
22) $2 + w = x - 1$	23) $x - k = 5 - 3k$	24) $x - 2g = -5g$
25) $x + u = -3$	26) $x - b = -5 + 3b$	27) $5 + x = p + 3$