Back of p. 8

What is the ordered pair for point A?

(3, 5)

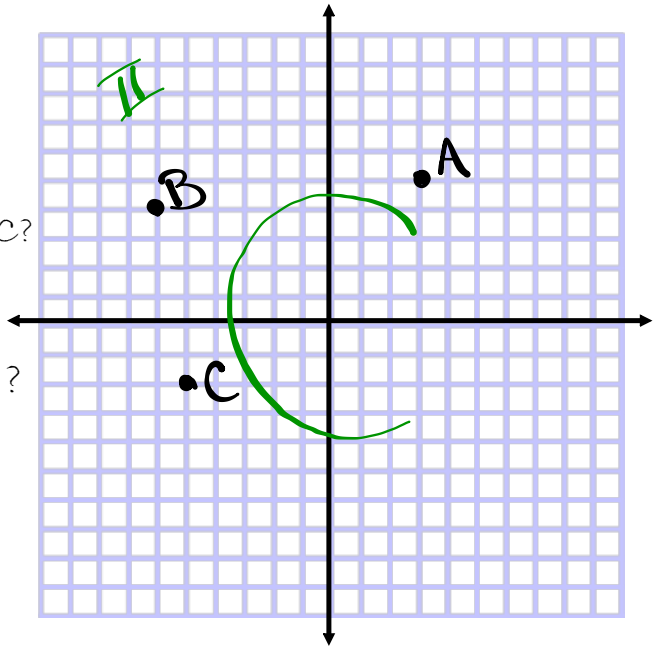
In which quadrant is point B?

II

What is the ordered pair for point C?

(-5, -2)

In which quadrant is (3, -2)?

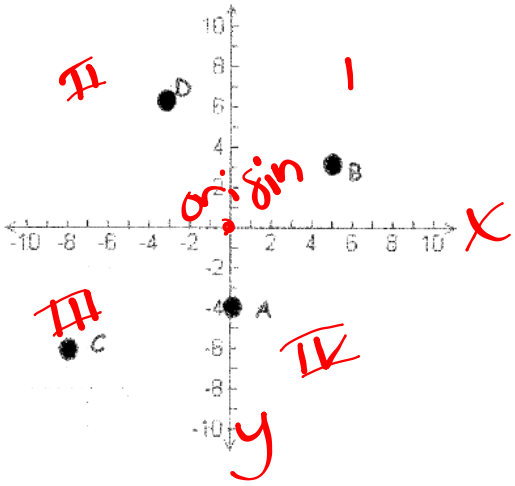


Name_____

Coordinate Plane

1. Write the ordered pairs and identify the quadrant for the following points.

	Ordered Pair	Quadrant
A	(0, -4)	y axis
B	(5, 3)	I
C	(-8, -6)	III
D	(-3, 6)	II



2. Label the attached graph using the terms in the words bank.

WORD BANK

X axis | y axis | Quadrant I
Quadrant II | Quadrant III
Quadrant IV | origin

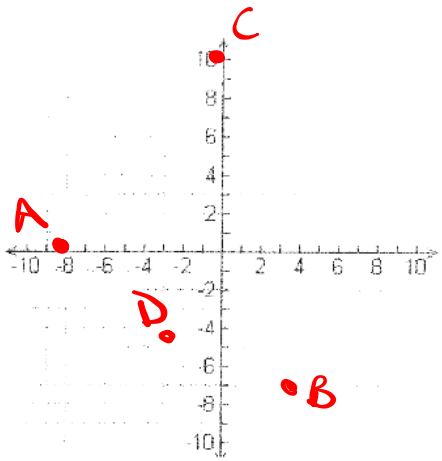
3. Graph the following ordered pairs on the coordinate plane to the right.

A (-8, 0)

B (4, -7)

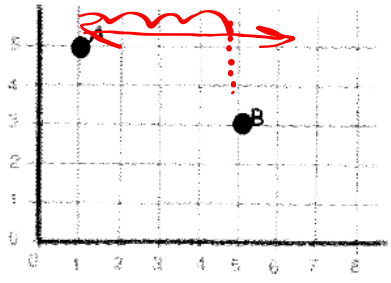
C (0, 10)

D (-3, -5)



4. What is the horizontal distance from point A to point B?

4 points



Math Antics Video to Introduce Adding Integers

Use open and closed circles to model adding integers.

negative positive

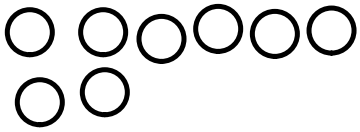
Ex: -6 + 4

Ex: 8 + -2

Use open and closed circles to solve each problem. For each problem draw a picture of your solution.

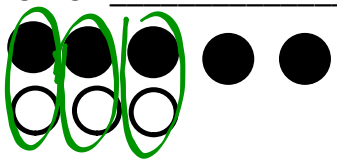
P. 11

6 + 2 = 8

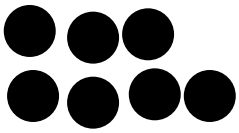


\- +

−5 + 3 = -2



−3 + −4 = -7



zero pair

−2 + 5 = 3

9 + −4 = 5

3 + −7 = -4

Integers with same sign - Add

$3 + 7 = 10$

$-4 + -5 = -9$

Integers with different sign - Subtract

The larger number gives its sign to the answer.

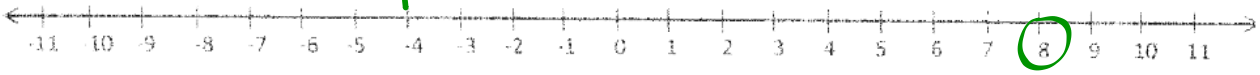
$-7 + 4 = -3$

$10 + -8 = 2$

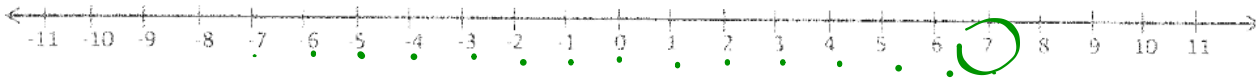
Integer Number Line Worksheet Name: _____

Use the number line to solve the following problems.

1. $-4 + 12 =$



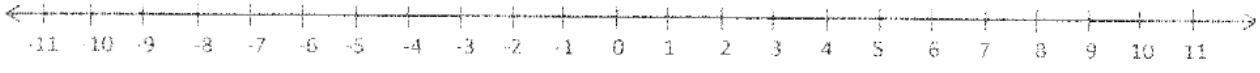
2. $-8 + 15 =$



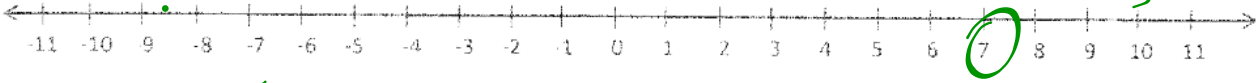
3. $-4 + (-7) =$

4. $-2 + (-8) =$

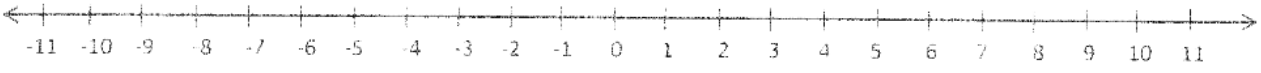
5. $-8 + 4 =$ -4



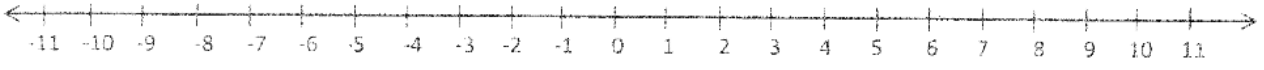
6. $10 + (-3) =$ 7



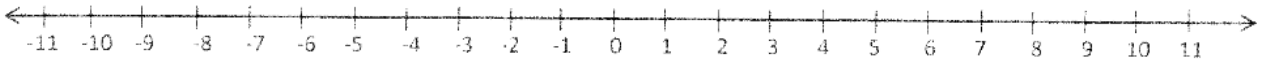
7. $7 + (-12) =$ -5



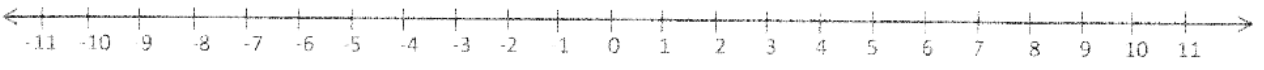
8. $11 + (-19) =$ -8



9. $-8 + (-3) =$ -11



10. $-6 + (17) =$ 11



Foldable with Adding Integer Rules

Cutside of foldable

Adding Integers with Same sign	Adding Integers with Different signs	Danger Danger
$-5-2$	$-8+10$	$-(-)$ $4-(-2)$

First Flap

1. Circle each number with its sign
2. Add
3. Keep Sign

Examples:

$5+2=$

$-5-3=$

$-7-8=$

Second Flap

1. Circle the numbers with its sign
2. Subtract
3. Keep the sign of the larger number

Examples:

$8 - 5 =$

$-13 + 10 =$

$-5 + 6 =$

Third flap

If there are two negatives together, they cancel and become positive;
the opposite of negative is positive.

Examples:

$3-(-5)=$

$5-(-10)=$

Adding Integers Homework Name_____

Show your work by modeling positive and negative tiles or with a number line.

Find each sum.

1) $(-1) + 2$

2) $(-1) + (-6)$

3) $(-8) + 8$

4) $5 + (-1)$

5) $5 + (-6)$

6) $(-7) + (-3)$

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

8) $(-3) + (-7)$

9) $8 + (-3)$

10) $1 + (-8)$

11) $(-4) + 5$

12) $7 + (-5)$

13) $(-5) + 6$

14) $(-4) + 4$

15) $(-3) + 6$

16) $(-7) + 6$

17) $(-4) + 1$

18) $7 + (-1)$

19) $6 + (-3)$

20) $(-6) + 6$

1) Complete the graded review of coordinate plane and integers.

2) Adding Integers Practice

3) IXL.com

username ex: 12345@vbschools

password ex: ba12345

complete lessons N.1, N.2 (adding integers)

M.3, M.5, M.6 (absolute value and integers)