

Name: _____ Period: _____

Week 2 Homework Packet – 7th Grade Math

ASSIGNMENT DUE TUESDAY, AUGUST 16, 2016

Unit 1, Chapter 3 – Integers

Score
/4

Week Score
/12

Stamp

Evaluate the following. Show all steps for each problem. You will not receive a stamp if work is not shown!

1) $5 + 8 \cdot 2 - 4$

Answer

2) $(8 - 5) \cdot (2 + 5)$

Answer

3) $12 - 3 \cdot (8 + 1)$

Answer

4) $3^2 \cdot (11 - 7)$

Answer

5) $10 + 2^3$

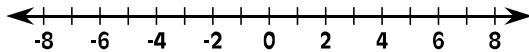
Answer

6) $11 - 5(2)$

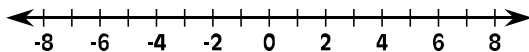
Answer

For each number given in problems 7–12, graph the number on the number line.

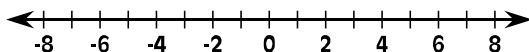
7) 7



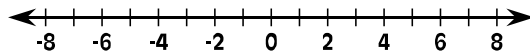
8) -3



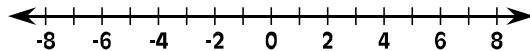
9) 8



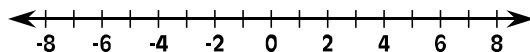
10) 5



11) $\frac{1}{2}$



12) $-4\frac{1}{2}$



Evaluate each of the absolute values below. Remember to follow the order of operations and show all work.

13) $|-6| + |5|$

14) $|7 - 4|$

ASSIGNMENT DUE WED/THU. AUGUST 17/18. 2016

Unit 1, Chapter 3 – Integers

Score
/4

Stamp

Evaluate the following. Show all steps for each problem. You will not receive a stamp if work is not shown!

1) $13 - (4 + 5)$

Answer

2) $12 \cdot (5 - 4)$

Answer

3) $12 - 2^2$

Answer

4) $6 + 2(3 + 4)$

Answer

5) $\frac{18}{3} + (5 - 4)$

Answer

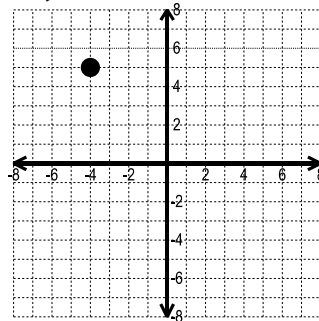
6) $(10 - 7)^2$

Answer

Review – Coordinate Plane

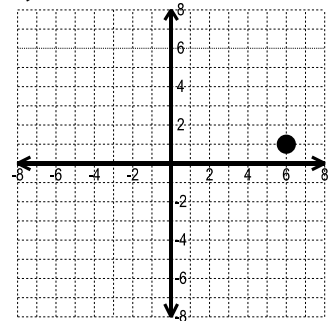
For each of the problems below, a point has been plotted on the coordinate plane. In the blank space, write the coordinates. One has been done for you.

Ex.)



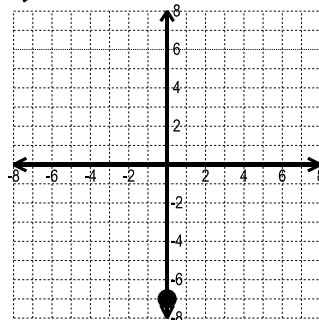
(-4, 5)

7)



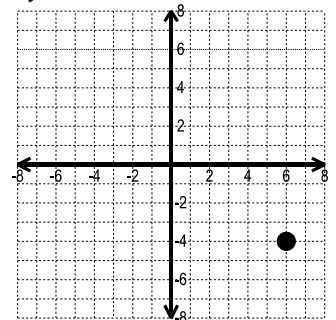
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8)



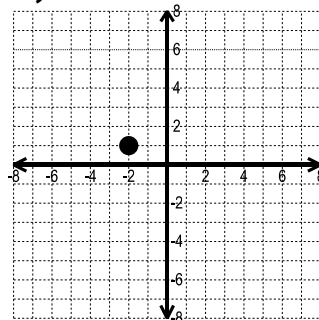
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9)



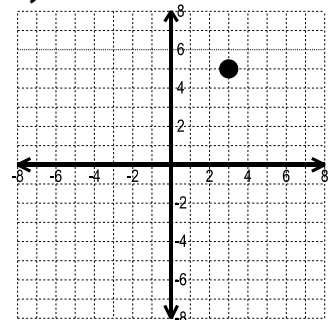
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10)



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11)



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Name: _____ Period: _____

7th Grade Math

Score

/4

Stamp

ASSIGNMENT DUE FRIDAY, AUGUST 19, 2016

Unit 1, Chapter 3 – Integers

Write an integer to represent each situation below. Explain why the integer you chose is the correct answer. One has been done for you. (*Note: you will not receive a stamp if you do not include explanations!*)

Ex.) You owe somebody fourteen dollars.

-14. Since you owe money, you have less than zero dollars so it should be negative.

1) A scuba diver dives sixteen feet below the surface.

2) A parachutist opens her parachute when she is five thousand feet in the air.

3) The weather forecast of Anchorage, Alaska is predicting temperatures of eight degrees above zero.

4) Death Valley in California has an altitude of 279 feet below sea level.

5) Two siblings running a lemonade stand sell twenty more lemonades than they thought they would.

Evaluate each of the following expressions involving absolute values. Be sure to show all of your work to get a stamp.

6) $|5| - |-3|$

7) $|-15| \div 3$

8) $|17 - 6|$

9) $11 \cdot |2|$

10) $|-8| + |4|$

11) $|3| + |-6| - |4|$

12) $|2 - 3|$