

INTEGERS WORKSHEET

Negative

- 1) What do you call a number that is less than zero? Why?

- 2) Describe absolute value.

- 3) Write integers for the following:
 - a) 40 degrees Celsius below zero a) _____
 - b) You are 7 points down in a game b) _____
 - c) A coral reef is 10 meters below sea level c) _____
 - d) You lost \$10 d) _____

- 4) Put less than ($<$), greater than ($>$), or equal signs ($=$) between the following:
 - a) $|-4|$ ___ 4
 - b) -3 ___ -2
 - c) -5 ___ -6

 - d) 8 ___ -9
 - e) 8 ___ $|-9|$
 - f) $|-4|$ ___ $|-5|$

Number Line/Integer Math

- 5) In one sentence describe adding integers with the same signs. (examples $4 + 4$, $-4 + -4$)

- 6) In one sentence describe adding integers with different signs. Remember AV.

- 7) How is an English double negative like subtracting a negative number?

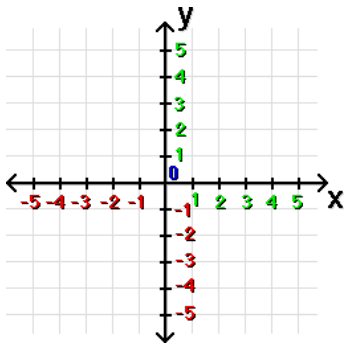
8) What are the 3 words for remembering sign for multiplication and division of integers?

9) What does an even number of negative signs in integer multiplication give for an answer?

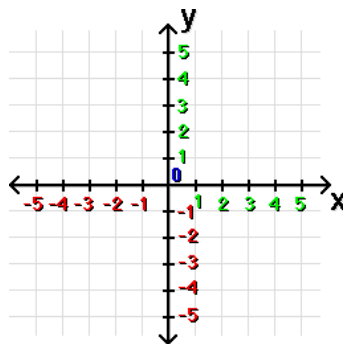
10) What does an odd number of negative signs in integer division give for an answer?

11) Plot the following points:

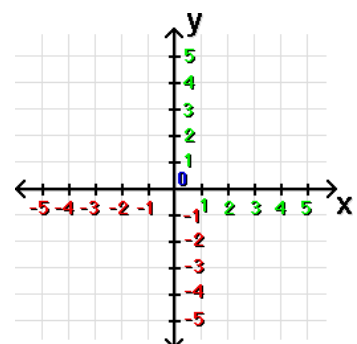
a) (2, 3)



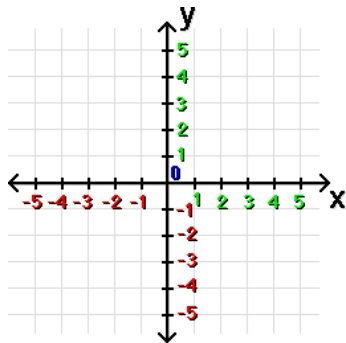
b) (-3, -4)



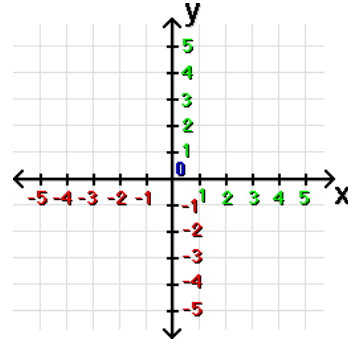
c) (0, -3)



d) (-2, 3) translated by (-1, -4)



e) (4, 5) translated by (-7, -9)



Maps

12) Name three types of information a map can convey, be specific.