

1. Perform the indicated operation. Each problem is worth 3 points.

a. $410 - 258$

c. $612 \div (-3)$

b. $-14 + 68$

d. $(-4)(-28)$

2. Perform the indicated operation(s). Each problem is worth 6 points.

a. $(-16)(0) - 7(-5)$

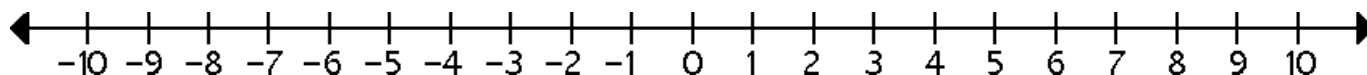
c. $-(-4)^2 - 4^2 + (-2)^3$

b. $-1 + 2 - 8 - |-7|$

d. $\frac{10(-1) - (-2)(-3)}{2[-8 \div (-2 - 2)]}$

3. Consider the following integers: -5, -3, 0

a. (3 POINTS) Graph each integer in the list above on the number line below.



b. (3 POINTS) Insert $<$ or $>$ between each pair of integers to make the statement true.

i. -3 _____ -5

ii. -5 _____ 0

iii. 0 _____ -3

4. (3 POINTS) Fill in the blanks.

a. 5 is the _____ of -5.

b. A negative number is always _____ than a positive number.

c. When using an inequality symbol, the "arrow" points towards the _____ number.

5. (5 POINTS) You received a \$20 iTunes gift card for your birthday. You want to purchase two albums for \$8 each and 5 songs for \$1 each. Determine if you can purchase all of the above with your iTunes gift card. Explain your reasoning.