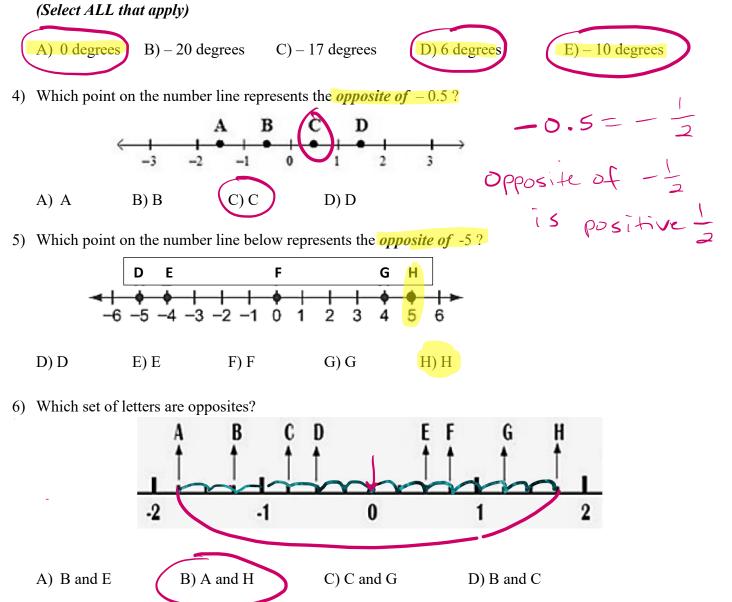
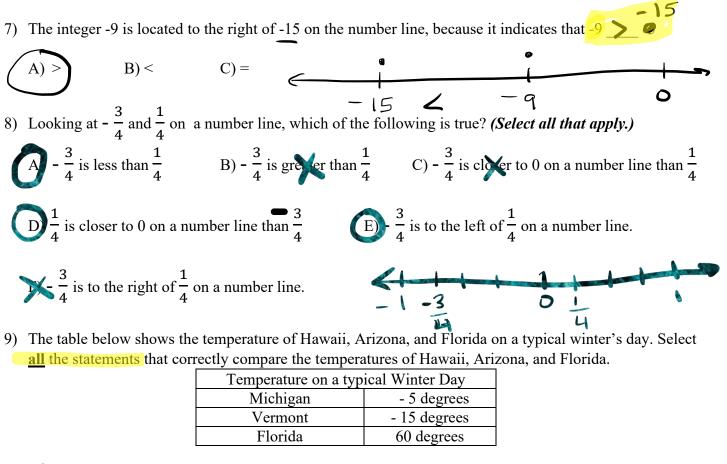
Name

Grade 6 Mod 1 and Grade 7 Mods 3 and 4

- 1) The low temperature in Muskegon, Michigan was 20 degrees below zero. The high temperature was 97 degrees. Represent these situations as rational numbers.
 - A) 20, 97 B) 20, 97 C) -20, 97 D) 20, -97
- 2) Which situation represents -35? NEGRTIVE = DECREASE
 - A) An increase of \$35 in your bank account.
- B) The temperature on a warm, sunny day.
- C) A decrease of \$35 in your bank account
- D) A gain of 35 points in a basketball game.
- Steve recorded the temperatures from the last few nights. What temperatures were *warmer than* 15 degrees?





On this day Vermont's temperature is wayter than Michigan's temperature. B) On this day Florida's temperature is warmer than Vermont's temperature. On this day Michigan's temperature is 5 degrees below zero. D) On this day, Vermont's temperature is the coldest.

10) Which number is furthest from 0 on a number line?



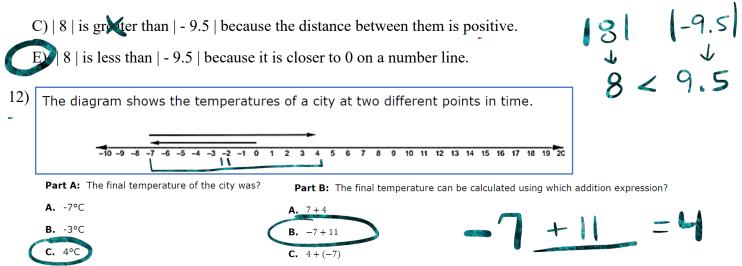
D. 11°C

A) |8 | is grower than | - 9.5 | because it is positive. B) |8 | is less than | - 9.5 | because it is positive.

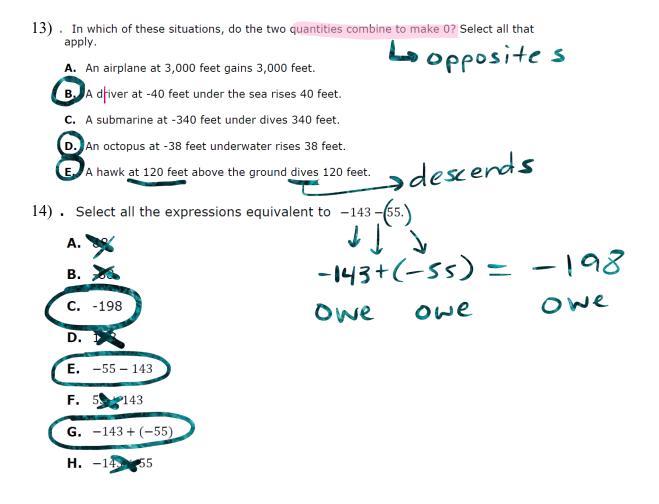
Distance from Zero = Absolute Value

C) |8| is greater than |-9.5| because the distance between them is positive.

E 8 | is less than | - 9.5 | because it is closer to 0 on a number line.



D. 4 + (-11)



15). The table shows the elevations of four sea animals.

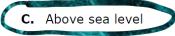
Dolphin	3 feet
Fish	-2 feet
Octopus	-12 feet
Starfish	-8 feet

Part A: The dolphin is?

Part B: The animal that is closest to sea level has an elevation of

feet.

- A. At sea level
- B. Below sea level



D. None of the above