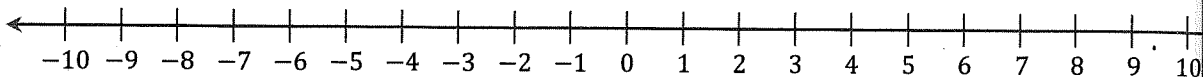
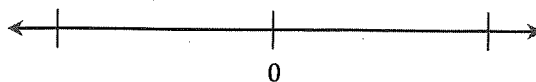


Problem Set

- Find the opposite of each number, and describe its location on the number line.
 - 5
 - 10
 - 3
 - 15
- Write the opposite of each number, and label the points on the number line.
 - Point *A*: the opposite of 9
 - Point *B*: the opposite of -4
 - Point *C*: the opposite of -7
 - Point *D*: the opposite of 0
 - Point *E*: the opposite of 2



- Study the first example. Write the integer that represents the opposite of each real-world situation. In words, describe the meaning of the opposite.
 - An atom's positive charge of 7
 - A deposit of \$25
 - 3,500 feet below sea level
 - A rise of 45°C
 - A loss of 13 pounds
- On a number line, locate and label a credit of \$38 and a debit for the same amount from a bank account. What does zero represent in this situation?



- On a number line, locate and label 40°C below zero and 40°C above zero. What does zero represent in this situation?

