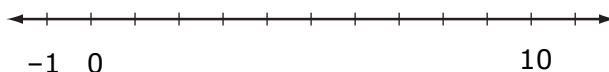


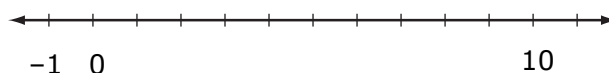
Chapter 9 Problems of the Week

1. Draw each inequality on a number line.

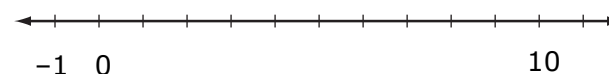
a) $x > 7$



b) $y < 9$

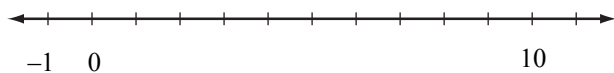


c) $z \leq 8$



d) Look at the inequalities above. What is the inequality that expresses $x = y = z$?

Show your answer on the number line.



2. Write the mathematical statements. Then, solve for x .

a) Twice x increased by three is less than nine decreased by x .

Inequality: _____

Solve:



Name: _____ Date: _____

BLM 9-1
(continued)

- b)** Four multiplied by x then decreased by two is less than or equal to the opposite of ten.

Inequality: _____

Solve:

- c)** Negative five times x increased by three is equal to negative x increased by the opposite of negative fifteen.

Inequality: _____

Solve:

