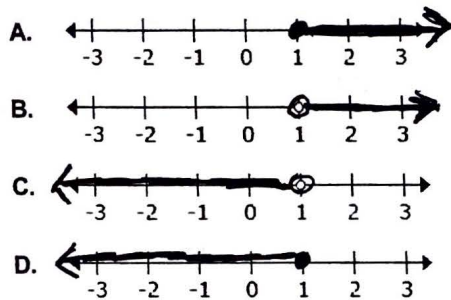# Inequaliity Review

### Question 1 .

Ginny withdraws money from her bank account to make her weekly purchases. She can spend no more than $27 and still be on budget. Which inequality represents the amount of change there can be in Ginny's bank account and still be on budget?

A. $x \le -27$

B. $x < -27$

C. $x > -27$

D. $x \ge -27$

### Question 2 .

Which number line represents the solution for the following inequality?

$$x - 6 \ge -5$$



### Question 3 .

The cashiers at a coffee shop hand out extra cups with free samples. On Monday, the cashiers hand out over 30 free sample cups. The manager of the coffee shop keeps track of the inventory of free sample cups each day.
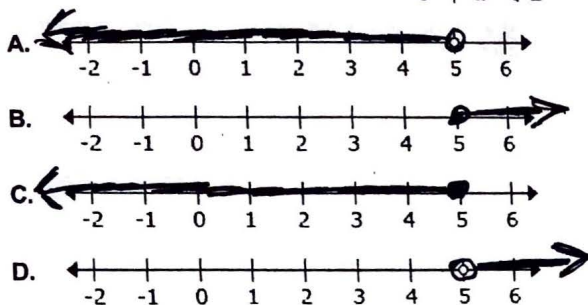
Which of the following inequalities represents the change in the inventory of free sample cups on Monday?

A. $x \le -30$

B. $x > -30$

C. $x < -30$

D. $x \ge -30$

**Question 4 .**

Which number line represents the solution for the following inequality?

$$-3 + x < 2$$

**Question 5 .**

The inequality below can be used to find how many gallons of water a tub contained before some water was drained out.

$$x - 10 \geq 25$$

How many gallons of water were in the tub before drainage?

A. at most 35

B. at least 35

C. at least 15

D. at most 15