

1. Consider the inequality $-1 \leq \frac{x}{2}$.

A. Predict which values of x will make the inequality true.

B. Complete the table to check your prediction.

x	-4	-3	-2	-1	0	1	2	3	4
$\frac{x}{2}$									

2. Consider the inequality $1 \leq \frac{-x}{2}$.

A. Predict which values of x will make it true.

B. Complete the table to check your prediction.

x	-4	-3	-2	-1	0	1	2	3	4
$\frac{-x}{2}$									

3. Diego is solving the inequality $100 - 3x \geq -50$. He solves the equation $100 - 3x = -50$ and gets $x = 50$. What is the solution to the inequality?

a. $x < 50$

c. $x > 50$

b. $x \leq 50$

d. $x \geq 50$

4. Solve the inequality $-5(x - 1) > -40$, and graph the solution on a number line.

5. Select **all** values of x that make the inequality $-x + 6 \geq 10$ true. (from Unit 6, Lesson 13)

a. -3.9

d. -4

g. 0

b. 4

e. 4.01

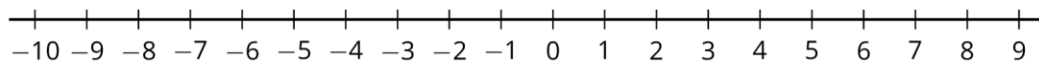
h. -7

c. -4.01

f. 3.9

6. Draw the solution set for each of the following inequalities. (from Unit 6, Lesson 13)

A. $x > 7$



B. $x \geq -4.2$

