



Name : Class :

Solving linear inequalities by adding or subtracting

Solve the inequalities below.

1.

$$-4 \geq 8 + x$$

2.

$$-3 \geq x - -7$$

3.

$$9 < 6 - x$$

4.

$$x + 4 \leq -7$$

5.

$$8 - x \leq 9$$

6.

$$x + 5 > -7$$

ANSWER SHEET

Solve the inequalities below.

1.
$$-4 \geq 8 + x$$
$$x \leq -12$$

2.
$$-3 \geq x - 7$$
$$x \leq -10$$

3.
$$9 < 6 - x$$
$$x > -15$$

4.
$$x + 4 \leq -7$$
$$x \leq -11$$

5.
$$8 - x \leq 9$$
$$x \leq 17$$

6.
$$x + 5 > -7$$
$$x > -12$$