



Name : Class :

Solving linear inequalities by adding or subtracting

Solve the inequalities below.

1. $-9 > -12x$

2. $-6 < \frac{x}{8}$

3. $-2x \leq 8$

4. $8 > \frac{x}{1}$

5. $12 > 10x$

6. $7 \geq \frac{x}{-4}$

ANSWER SHEET

Solve the inequalities below.

1.

$$-9 > -12x$$

$$x < \frac{3}{4}$$

2.

$$-6 < \frac{x}{8}$$

$$x > -48$$

3.

$$-2x \geq 8$$

$$x \leq -4$$

4.

$$8 > \frac{x}{1}$$

$$x < 8$$

5.

$$12 > 10x$$

$$x < \frac{6}{5}$$

6.

$$7 \leq \frac{x}{-4}$$

$$x \geq -28$$