

Solve and Graph each Inequality.

1) $x - 3 \leq 1$

5) $k + 4 < -15$

2) $x + 2 < 6$

6) $14 \leq b - 5$

3) $3 \geq y - 5$

7) $-8 + x \geq -15$

4) $k + 9 > -6$

8) $12 > y - 7$

Solve and Graph each Inequality.

9) $4m > 64$

10) $-2w \geq 18$

When **MULTIPLYING** or **DIVIDING**
by a *Negative Number*,
then **FLIP**
the **INEQUALITY SYMBOL**.

Solve and Graph each Inequality.

9) $4m > 64$

13) $-2x + 9 < -23$

10) $-2w \geq 18$

14) $-20 \leq 16 - 4y$

11) $\frac{p}{-3} < 12$

15) $5 - p > -8$

12) $3w \leq -18$

16) $\frac{n}{6} - 3 \geq -12$



Solve each Equation.

17)

$$7 < 3 + \frac{x}{3}$$

19)

$$-6 - \frac{2}{3}w > 12$$

18)

$$\frac{1}{3}k - 2 \geq 9$$

20)

$$-10 \leq 2 - \frac{4}{3}b$$