

Worksheet 4 - Two-Step Inequalities using Integers

Solve each inequality.

1) $10n - 7 \leq -187$

2) $-4 + 7k \leq 10$

3) $-9 + \frac{x}{8} \geq -10$

4) $-10 \leq -8 + \frac{p}{5}$

5) $29 \leq -6 + 7a$

6) $7 < 5 + \frac{n}{3}$

7) $15 \leq \frac{p}{3} + 9$

8) $-10v + 4 \leq -146$

9) $26 \leq 2 + 8x$

10) $-2 > 4 + \frac{n}{3}$

$$11) \frac{a}{15} - 7 > -6$$

$$12) -10 - 2k \geq 10$$

$$13) 166 \geq 6 + 8p$$

$$14) 5 + \frac{a}{7} \geq 7$$

$$15) -8 + \frac{n}{14} \leq -7$$

$$16) -1 \leq -3 + \frac{m}{4}$$

$$17) 4 > 5 + \frac{v}{10}$$

$$18) -9x - 5 > -149$$

$$19) -19 > -9 + 2n$$

$$20) \frac{b}{16} + 4 \geq 3$$