

1) a # y is no more than -8

$$y \leq -8$$

2) A # b minus 4.2 is less than -7.5.

$$b - 4.2 < -7.5$$

3) A # w added to 2.3 is more than 18

$$w + 2.3 > 18$$

4) $-\frac{5}{9}$ is no less than 5 times a number k.

$$-\frac{5}{9} \geq 5k$$

5) Twice a # x is at most -24 .

$$2x \leq -24$$

Yes

$$b) \underline{n+8} \leq 13 ; \underline{n=4}$$

$$\underline{4+8} \leq 13$$

$$12 \leq 13$$

True; Yes A Sol

$$a) \frac{a}{6} > -4 ; \underline{a=-18}$$

$$\frac{-18}{6} > -4$$

$$-3 > -4$$

True, Yes sol

$$10) \quad 6 \geq -\frac{2}{3}s \quad ; \quad \underline{s = -9}$$

$$6 \geq -\frac{2}{3}(-9)$$

$$6 \geq \frac{18}{3}$$

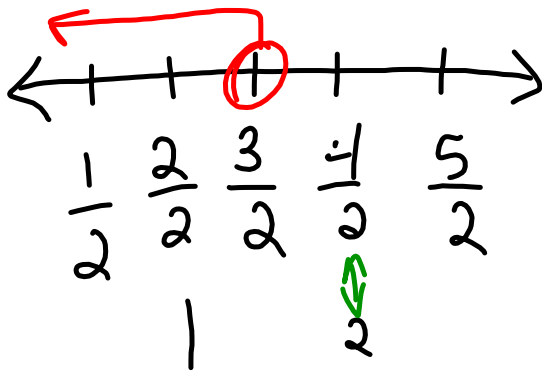
$$6 \geq 6$$

Alg I

28) $2 < \frac{3}{2}$

$2 < \frac{3}{2}$

False

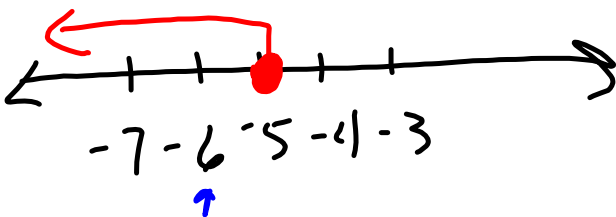


30) $R \geq -|5|$

$R \geq -5$

$-5 \geq -|6|$

$-5 \geq -6$



$$11) \quad \frac{7}{8} - 2k < -\frac{1}{2}; \quad k = \frac{1}{4}$$

$$\hookrightarrow \frac{7}{8} - 2\left(\frac{1}{4}\right) < -\frac{1}{2}$$

$$\frac{7}{8} - \frac{3}{4} < -\frac{1}{2}$$

$$\frac{1}{8} < -\frac{1}{2}$$

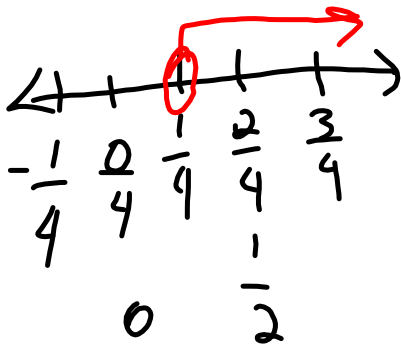
False, not sol

Alg I

29) $\frac{1}{4} < P$

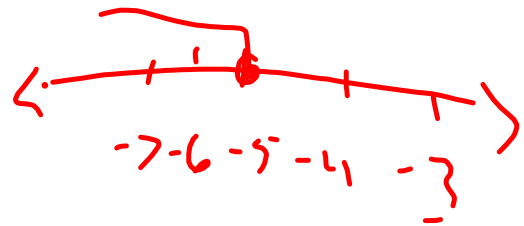
$$\sqrt{\frac{1}{4}} < 0$$

Falso



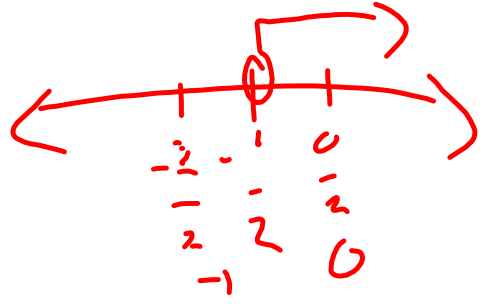
~~scribble~~ $-5 \geq x$

Con'se $-5 \geq$



~~scribble~~ $x > -\frac{1}{2}$ ~~scribble~~

$0 > -\frac{1}{2}$



True