

Do **NOT** move the desk!!

**Put your phone!!**

**Sit down!!**

**Be quiet!!**

**Prepare to work!!**

**Keep your hands to yourself!!**

Chap 2 Sec 4

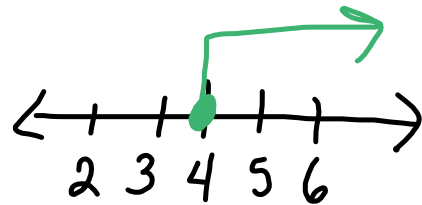
$$B) \quad \underline{9x - 4x + 4} \geq 36 - 12$$

$$5x + 4 \geq 24$$

$$\begin{array}{r} -4 \quad -4 \\ \hline \end{array}$$

$$\frac{5x}{5} \geq \frac{20}{5}$$

$$x \geq 4$$



$$16) \quad 3d - 7d + 2.8 < 5.8 - 27$$

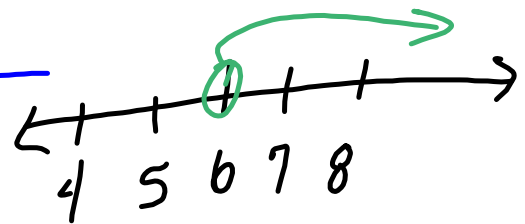
$$-4d + 2.8 < -21.2$$

$$\quad \quad -2.8 \quad -2.8$$

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$$\frac{-4d}{-4} < \frac{-24}{-4}$$

$$d > 6$$



20) Flutes      7    21    28

Clarinets      4    12    16

$$\frac{7}{4} = \frac{x}{12}$$
$$84 = 4x$$
$$21 = x$$

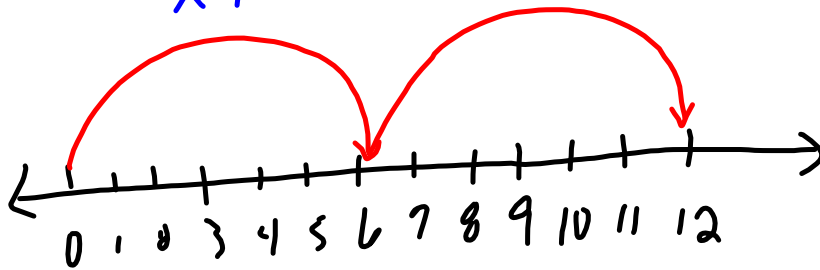
$$\frac{7}{4} = \frac{28}{x}$$
$$7x = 112$$
$$x = 16$$

21)

$$2x = 12$$

$$x + x = 12$$

$$2x = 12$$



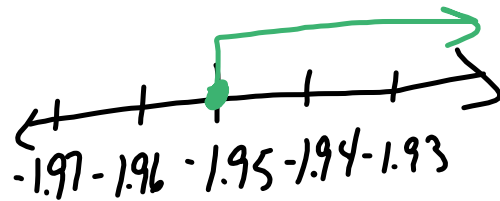
$$12) \quad 20 \geq -3.2(c - 4.3)$$

$$20 \geq -3.2c + 13.76$$

$$\begin{array}{r} -13.76 \\ \hline \end{array}$$

$$\frac{6.24}{-3.2} \geq \frac{-3.2c}{-3.2}$$

$$-1.95 \leq c$$



22)

Cube

2 ft

2 ft

2 ft

$$V = lwh$$

$$V = (2)(2)(2)$$

$$V = 8 \text{ ft}^3$$