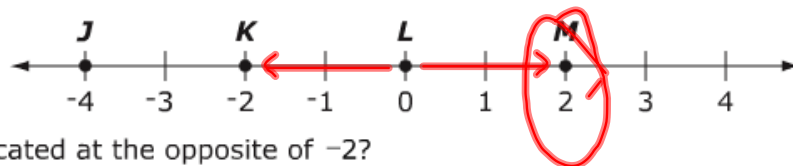
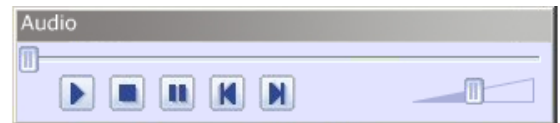


Four points are graphed on a line.



Which point is located at the opposite of  $-2$ ?

- A. Point *J*
- B. Point *K*
- C. Point *L*
- D. Point *M*

Which statement is true?

A.  ~~$0.75 < 0.75^2$~~

$0.75 < 0.5625$

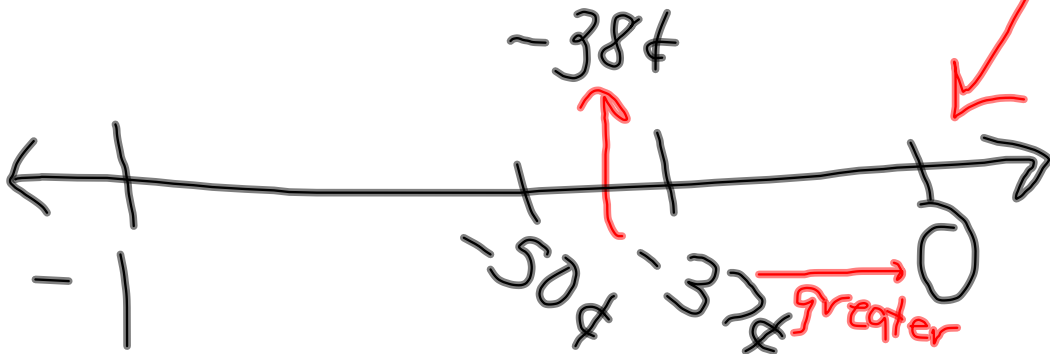
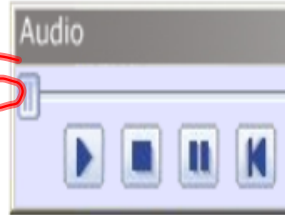
B.  ~~$-\frac{3}{8} < -0.38$~~

$-0.375 < 0.38$

C.  $\frac{46}{25} > 1\frac{5}{6}$

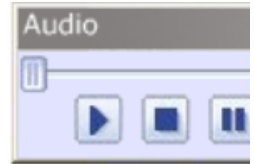
$1.84 > 1.8\bar{3}$

D.  ~~$-2\frac{3}{5} > 1.5$~~



Jeremy can plant 10 trees in 4 hours. How many trees can he plant in 10 hours?

- A. 16
- B. 25
- C. 40
- D. 100



$$\begin{aligned} 10 \text{ trees} &= 4 \text{ hrs} \\ 10 \text{ trees} &= 4 \text{ hrs} \\ 5 \text{ trees} &= 2 \text{ hrs} \end{aligned}$$

$$25 \text{ trees} = 10 \text{ hrs}$$

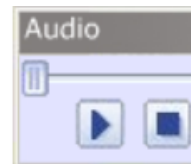
~~$$\frac{10 \text{ trees}}{4 \text{ hrs}} = \frac{? \text{ trees}}{10 \text{ hrs}}$$~~

$$\frac{10 \cdot 10}{4} = 25 \text{ trees}$$

$$\frac{10 \text{ trees}}{4 \text{ hrs}} = 2.5 \text{ trees per hr}$$

$$2.5 \times 10 \text{ hrs} = 25 \text{ trees}$$

On Mondays, Jayda runs between 2 and 5 miles. On Tuesdays, she runs 3 times as far as she runs on the previous Monday. Which inequality can be used to find  $x$ , the distance Jayda could run on a Tuesday?



A.  $2 < 3x < 5$

B.  ~~$2 < 3x > 5$~~

C.  $2 < \frac{x}{3} < 5$

D.  ~~$2 < \frac{x}{3} > 5$~~

Handwritten work in red ink:

$$2 < \text{Mon} < 5$$
$$\begin{array}{ccc} \times 3 & & \times 3 \\ \hline 6 & & 15 \end{array}$$
$$6 < \text{Tues} < 15$$

↓

$$6 < x < 15$$
$$\begin{array}{ccc} \div 3 & & \div 3 \\ \hline 2 & & 5 \end{array}$$

back to Mon.

$2 < \frac{x}{3} < 5$