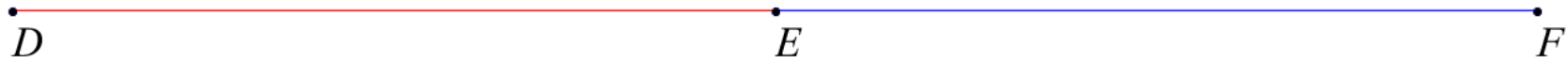
**Question**

Given:  $E$  is Midpoint of  $DF$  ,  $DE = 12 - 2 \cdot x$  ,  $EF = 8 \cdot x - 24$

What is the value of  $x$ ?

**Answer**

$$x = \frac{18}{5} \approx 3.6$$



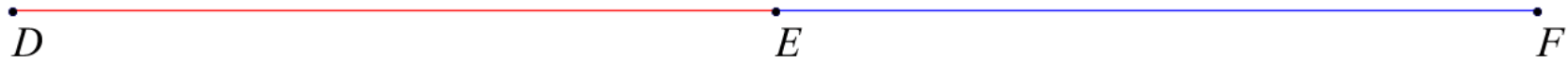
### Question

Given: E is Midpoint of DF ,  $DE = 12 - 2 \cdot x$  ,  $EF = 8 \cdot x - 24$

What is the length of DE?

### Answer

$$DE = \frac{24}{5} \approx 4.8$$



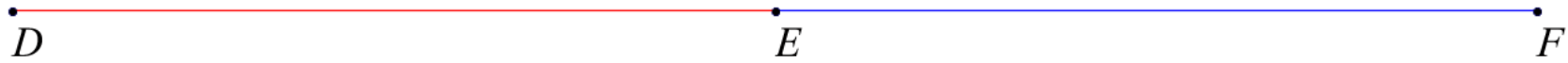
### Question

Given: E is Midpoint of DF ,  $DE = 12 - 2 \cdot x$  ,  $EF = 8 \cdot x - 24$

What is the length of EF?

### Answer

$$EF = \frac{24}{5} \approx 4.8$$



### Question

Given: E is Midpoint of DF ,  $DE = 12 - 2 \cdot x$  ,  $EF = 8 \cdot x - 24$

What is the length of DF?

### Answer

$$DF = \frac{48}{5} \approx 9.6$$