

## Possible Solutions

Marissa signs up to run the Fun Run 45k (kilometers). If 1 km = 0.6 miles, how many miles can Marissa expect to run?

### Possible Solution 1

- $\frac{1}{0.6} = \frac{45}{x}$
- $1(x) = 0.6(45)$
- $x = 27$
- Marissa will run 27 miles.

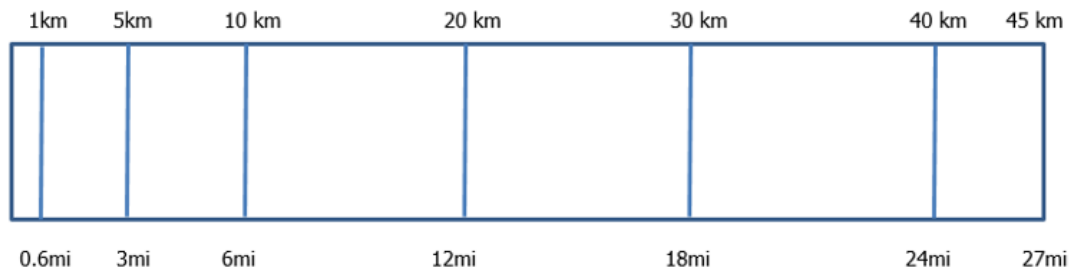
### Possible Solution 2

1 km



0.6mi

- Complete the conversion bar.
- If 1 km = 0.6 miles, then 10 km would equal 6 miles.
- Multiply both the kilometers and miles by 10.



- Every 10 km would increase the miles by 6.

- Since half of 10 km would be 5 km, then taking half of 6 miles would be 3 miles.
- 45 km = 27 miles.
- Marisa runs 27 miles.