

3.1 Representing proportional relationships

Objective 3.1.I student will Representing Proportional Relationships with Tables



Starter

When ratios are in proportion, the numbers in the ratio change in the same way and called **proportional relationship**

Distance (leagues)	1	2	6		20,000
Distance (miles)	3			36	



Complete the table

For each column of the table, find the ratio of the distance in miles to the distance in leagues.

$$\frac{3}{1} = \frac{\boxed{}}{\boxed{}} \quad \frac{\boxed{}}{2} = \frac{\boxed{}}{\boxed{}} \quad \frac{\boxed{}}{6} = \frac{\boxed{}}{\boxed{}} \quad \frac{36}{\boxed{}} = \frac{\boxed{}}{\boxed{}} \quad \frac{\boxed{}}{20,000} = \frac{\boxed{}}{\boxed{}}$$

What do you notice about the ratio?