

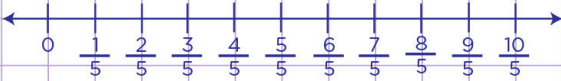
Name: Class:

Multiply unit fractions by whole numbers using models

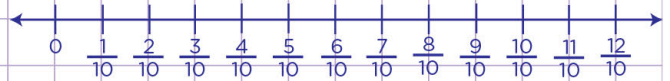


Use the number lines below to multiply the following fractions.

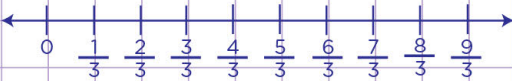
a. $\frac{1}{5} \times 5 =$



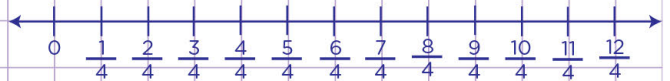
c. $\frac{1}{10} \times 12 =$



b. $\frac{1}{3} \times 7 =$



d. $\frac{1}{4} \times 9 =$



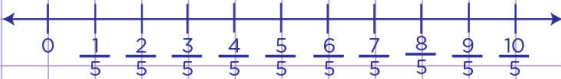
Name: Class:

Multiply unit fractions by whole numbers using models

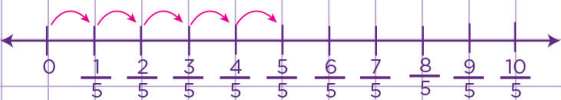


Use the number lines below to multiply the following fractions.

a. $\frac{1}{5} \times 5 = 1$



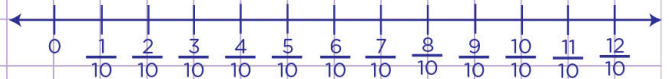
Here we have 5 groups of $\frac{1}{5}$, So let's count by $\frac{1}{5}$ five times.



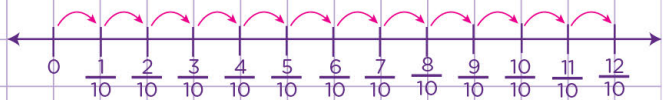
You see that, if we count by $\frac{1}{5}$ five times, the result is $\frac{5}{5}$ or 1

Therefore $\frac{1}{5} \times 5 = \frac{5}{5} = 1$

c. $\frac{1}{10} \times 12 = 2\frac{1}{3}$



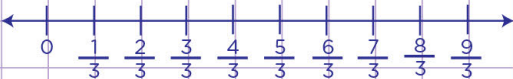
Here we have 12 groups of $\frac{1}{10}$, So let's count by $\frac{1}{10}$ twelve times.



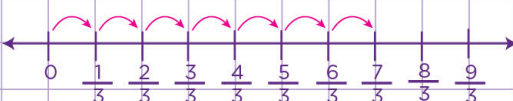
You see that, if we count by $\frac{1}{10}$ twelve times, the result is $\frac{12}{10}$ or $1\frac{1}{5}$

Therefore $\frac{1}{10} \times 12 = \frac{12}{10}$ or $1\frac{1}{5}$

b. $\frac{1}{3} \times 7 = 2\frac{1}{3}$



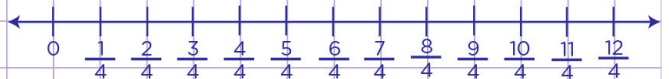
Here we have 7 groups of $\frac{1}{3}$, So let's count by $\frac{1}{3}$ seven times.



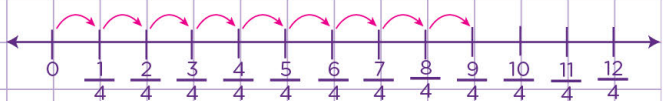
You see that, if we count by $\frac{1}{3}$ seven times, the result is $\frac{7}{3}$ or $2\frac{1}{3}$

Therefore $\frac{1}{3} \times 7 = \frac{7}{3}$ or $2\frac{1}{3}$

d. $\frac{1}{4} \times 9 = 2\frac{1}{4}$



Here we have 9 groups of $\frac{1}{4}$, So let's count by $\frac{1}{4}$ nine times.



You see that, if we count by $\frac{1}{4}$ nine times, the result is $\frac{9}{4}$ or $2\frac{1}{4}$

Therefore $\frac{1}{4} \times 9 = \frac{9}{4}$ or $2\frac{1}{4}$

