

Name: Class:

Multiply fractions by whole numbers using number lines



Use number lines to find the products of the following fractions.

a. $\frac{5}{6} \times 4$

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

c. $\frac{3}{5} \times 4$



Name: Class:

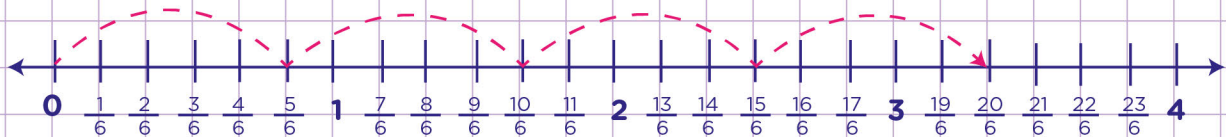
Multiply fractions by whole numbers using number lines



Use number lines to find the products of the following fractions.

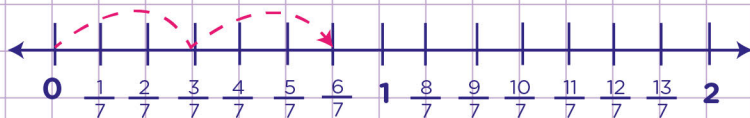
a. $\frac{5}{6} \times 4$

Let's start by drawing the number line from 0 to 4 using repeated addition as shown below

Each whole has been divided into 6 equal parts showing the fraction $\frac{1}{6}$ To find the product, let's move on the number line $\frac{5}{6}$ four timesSo, you can see that $\frac{5}{6} \times 4 = \frac{20}{6}$

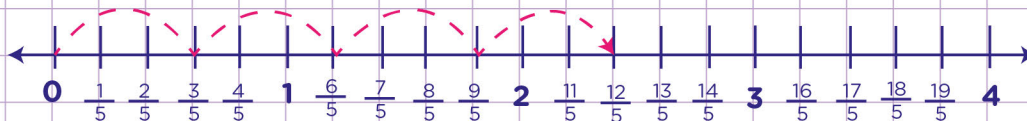
b. $\frac{3}{7} \times 2$

Let's start by drawing the number line from 0 to 2 using repeated addition as shown below

Each whole has been divided into 7 equal parts showing the fraction $\frac{1}{7}$ To find the product, let's move on the number line $\frac{3}{7}$ two timesSo, you can see that $\frac{3}{7} \times 2 = \frac{6}{7}$

c. $\frac{3}{5} \times 4$

Let's start by drawing the number line from 0 to 4 using repeated addition as shown below

Each whole has been divided into 5 equal parts showing the fraction $\frac{1}{5}$ To find the product, let's move on the number line $\frac{3}{5}$ four timesSo, you can see that $\frac{3}{5} \times 4 = \frac{12}{5}$ 