



# Divide to Multiply Unit Fractions

Let's solve problems about multiplying whole numbers by unit fractions.

## Warm-up

### Estimation Exploration: Number Line

What number is marked on the number line?



Record an estimate that is:

too low	about right	too high

## Activity 1

### How Far Did They Run?

Solve each problem. Draw a diagram if it is helpful.

1. Mai runs  $\frac{1}{4}$  the length of her road. The road is 9 miles long. How far does Mai run?

2. Han runs  $\frac{1}{4}$  the length of his road. The road is 7 miles long. How far does Han run?



## Activity 2

### Card Sort: Match the Situation

Your teacher will give you a set of cards that show expressions and diagrams.

1. Find the cards that match this situation. Be ready to explain your reasoning.

Han, Lin, Kiran, and Jada run a 3-mile relay race as a team. They each run the same distance.

2. How far does each person run?

