Unit 2, Lesson 7

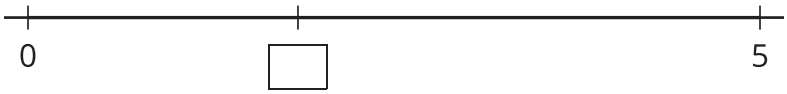
Divide to Multiply Unit Fractions

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?