

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 |
|---------|-------------|----------|
| | | |

7.1: How Far Did They Run?

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

1. Mai ran $\frac{1}{4}$ the length of her road, which is 9 miles long. How far did Mai run?

2. Han ran $\frac{1}{4}$ the length of his road, which is 7 miles long. How far did Han run?

7.2: Match the Situation

Han, Lin, Kiran, and Jada together ran a 3 mile relay race. They each ran the same distance.

1. Find the expressions and diagrams that match this situation. Be prepared to explain your reasoning.

2. How far did each person run?