## Unit 5 Lesson 4: Working with Fractions

### 1 Math Talk: Subtracting from 1 (Warm up)

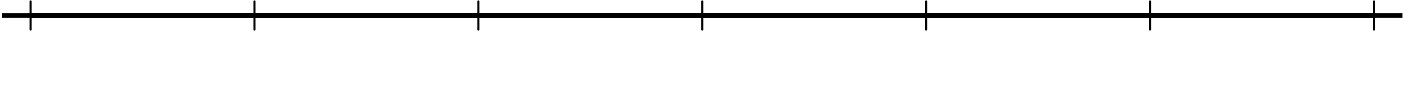
#### Student Task Statement

Evaluate mentally:

### 2 Partway There

#### Student Task Statement

Suppose a driver is traveling from one city to another. A diagram is provided to help with the first question. Create additional diagrams as needed. Be prepared to explain your reasoning.



1. The distance between the cities is 60 miles and the driver has driven of the way.
   1. How many miles has she driven?
   2. How many miles remain?
2. She has driven of the way.
   1. How many miles has she driven?
   2. How many miles remain?
3. The distance between the cities is 300 miles and she has driven of the way.
   1. How many miles has she driven?
   2. How many miles remain?
4. A trip is miles long, and the driver has gone of the way. Write an expression to represent how many miles remain in her trip.

#### Activity Synthesis



### 3 Distribute and Subtract and Multiply!

#### Student Task Statement

1. Explain why each pair of expressions is equal.
   1. and
   2. and
   3. and
2. Match each expression in List A with an equal expression in List B.

List A

List B

20

56

70

80

10



© CC BY 2019 by Illustrative Mathematics®