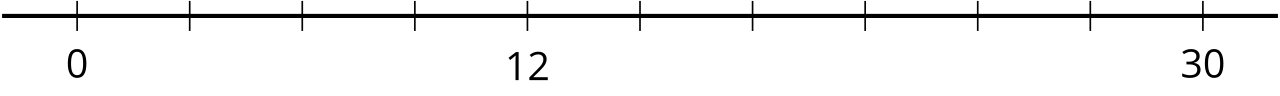
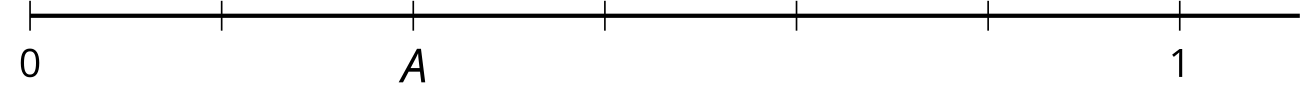
## Introducing Ratios: Check Your Readiness (B)

1. Here are three fractions: , , . Two of these fractions are equivalent to each other. Which two? Explain or show your reasoning.
   1. 42 is 6 times what number?
   2. 4 is 28 times what number?
   3. 700 is 7 times what number?
   4. Choose one part and explain how you know your answer is correct.
2. Label each tick mark with its location on the number line:

* 

1. Here is a number line:

* 
  1. Write the number at as a fraction.
  2. Write the number at as an equivalent fraction.

1. One batch of cookies calls for 1 bag of mix and the ingredients shown in the table.

| * type of cookie | * eggs | * water | * oil |
| --- | --- | --- | --- |
| * regular | * 1 egg |  |  |
| * cake-like | * 2 eggs |  |  |

* 1. What amounts of eggs, water, and oil would you need for 2 batches of regular cookies?
  2. What amounts of eggs, water, and oil would you need for 3 batches of cake-like cookies?

1. Which skateboarder is faster: Jada, who travels 2 miles in 12 minutes at a constant speed, or Clare, who travels 2 miles in 10 minutes at a constant speed? Explain how you know.



© CC BY Open Up Resources. Adaptations CC BY IM.