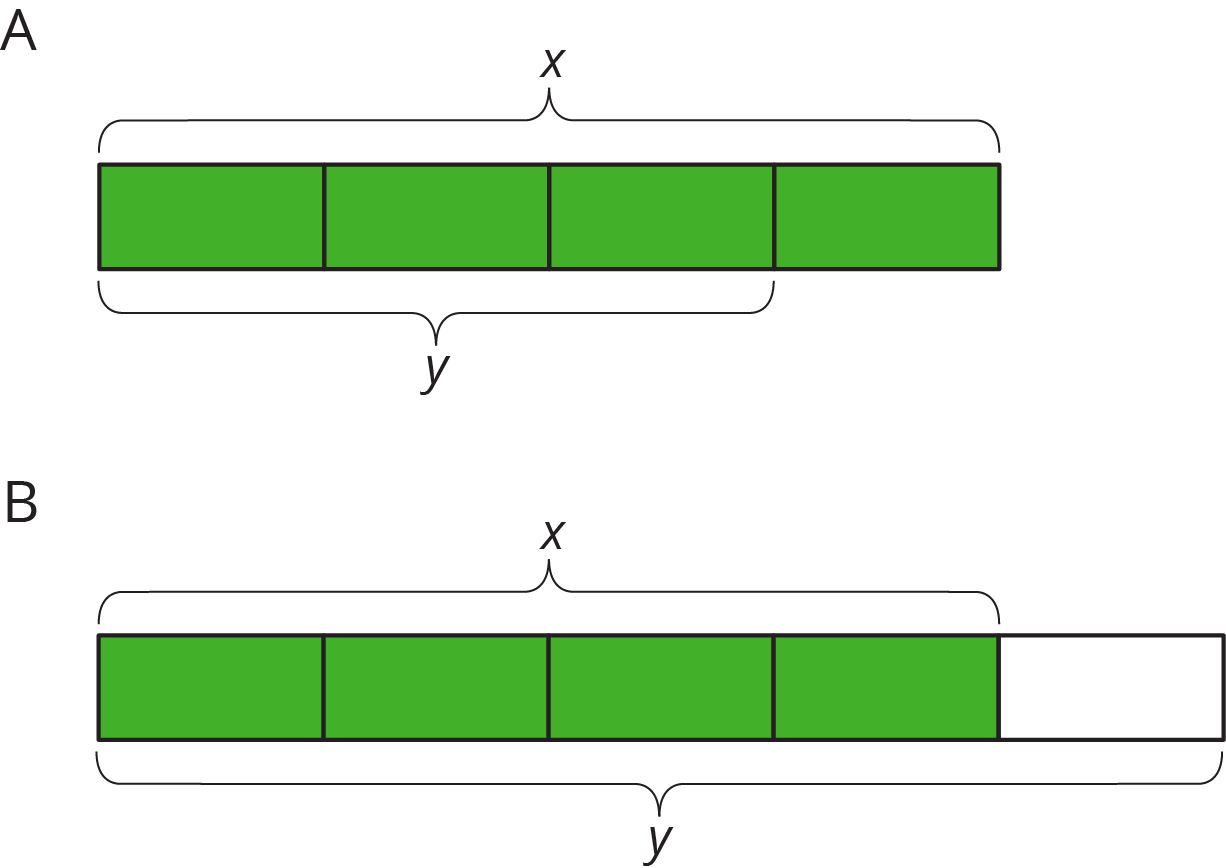
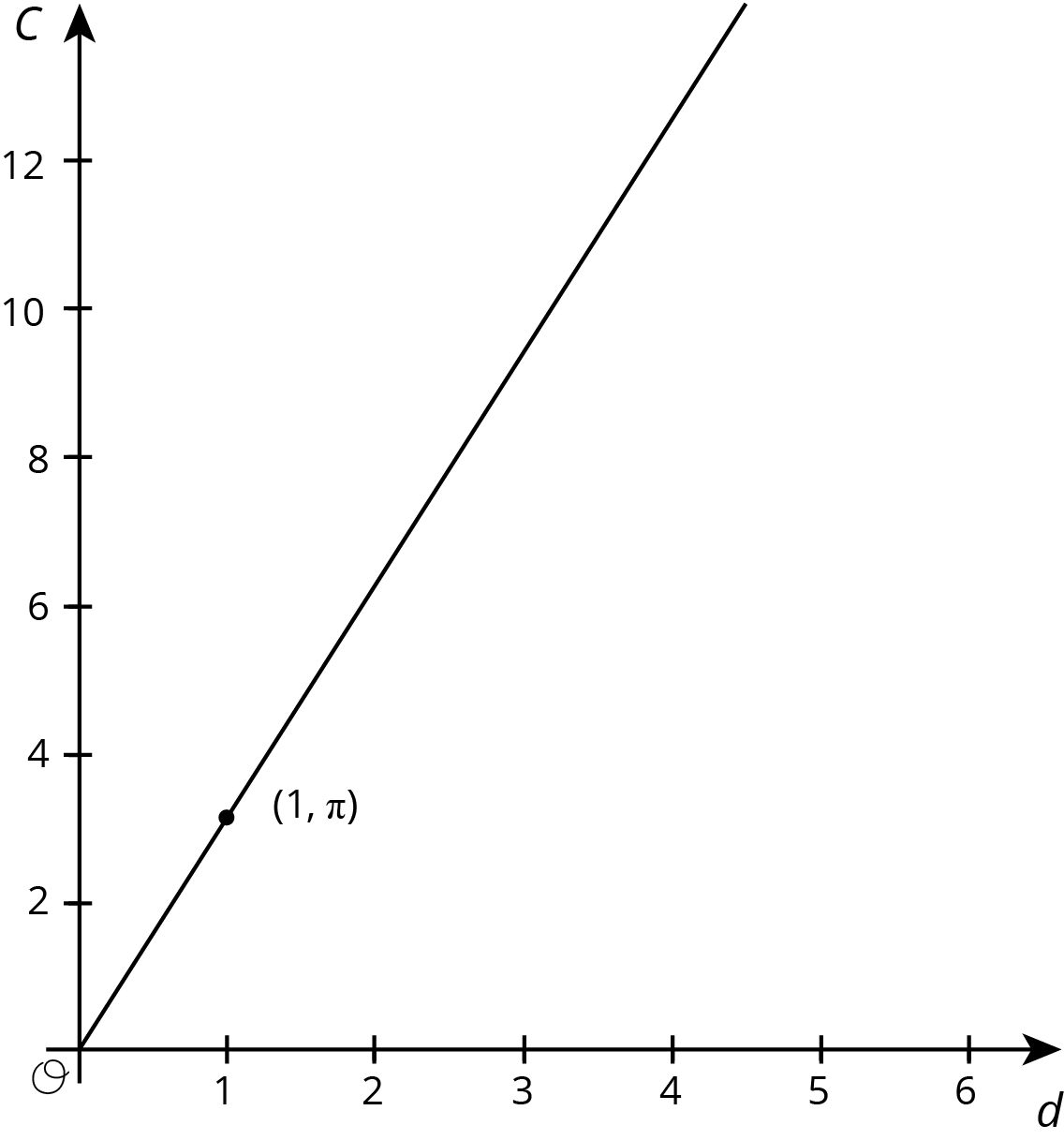
### Lesson 3 Practice Problems

1. For each diagram, decide if is an increase or a decrease relative to . Then determine the percent increase or decrease.

* 

1. Draw diagrams to represent the following situations.
   1. The amount of flour that the bakery used this month was a 50% increase relative to last month.
   2. The amount of milk that the bakery used this month was a 75% decrease relative to last month.
2. Write each percent increase or decrease as a percentage of the initial amount. The first one is done for you.
   1. This year, there was 40% more snow than last year.
   * *The amount of snow this year is 140% of the amount of snow last year.*
   1. This year, there were 25% fewer sunny days than last year.
   2. Compared to last month, there was a 50% increase in the number of houses sold this month.
   3. The runner’s time to complete the marathon was a 10% less than the time to complete the last marathon.
3. The graph shows the relationship between the diameter and the circumference of a circle with the point shown. Find 3 more points that are on the line.

* 
* (From Unit 5, Lesson 12.)

1. Priya bought grams of flour. Clare bought more than that. Select **all** equations that represent the relationship between the amount of flour that Priya bought, , and the amount of flour that Clare bought, .

* (From Unit 6, Lesson 1.)



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