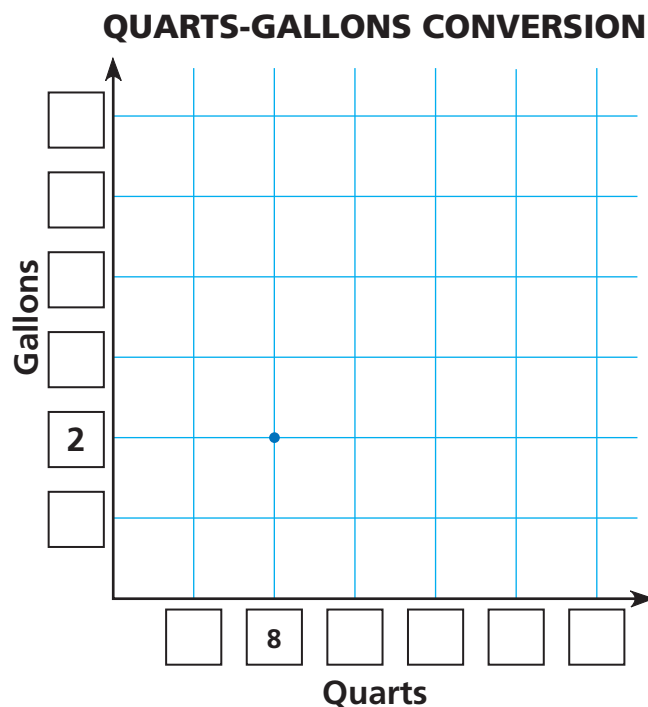


Review/Assessment

NCTM Standards 2, 4, 5, 6, 7, 9, 10

In 1 gallon, there are 4 quarts.

| Quarts | Gallons |
|--------|---------|
| | 1 |
| 8 | 2 |
| 16 | |
| | 6 |
| | 5 |
| 12 | |



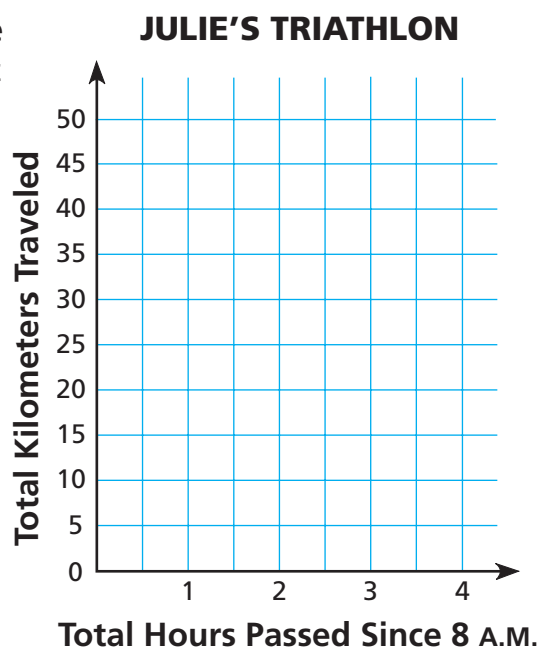
- 1 Complete the Quarts-Gallons conversion table. [Lessons 1, 2, and 3](#)
- 2 Number the axes so that you can graph all the points in the table. [Lesson 3](#)
- 3 Make a Quarts-Gallons conversion graph. [Lessons 1, 2, and 3](#)

- 4 As you read the story about Julie's triathlon, use the grid to record how far she had gone by that time. Assume that Julie kept a constant speed during each part of the race. Connect each point to the next with a line segment. [Lessons 4, 5](#)

The race started at 8 A.M.
First, Julie swam 1.5 km in 30 minutes.
Second, she biked 30 km in $1\frac{1}{2}$ hours.
Third, she ran 10 km in 1 hour.

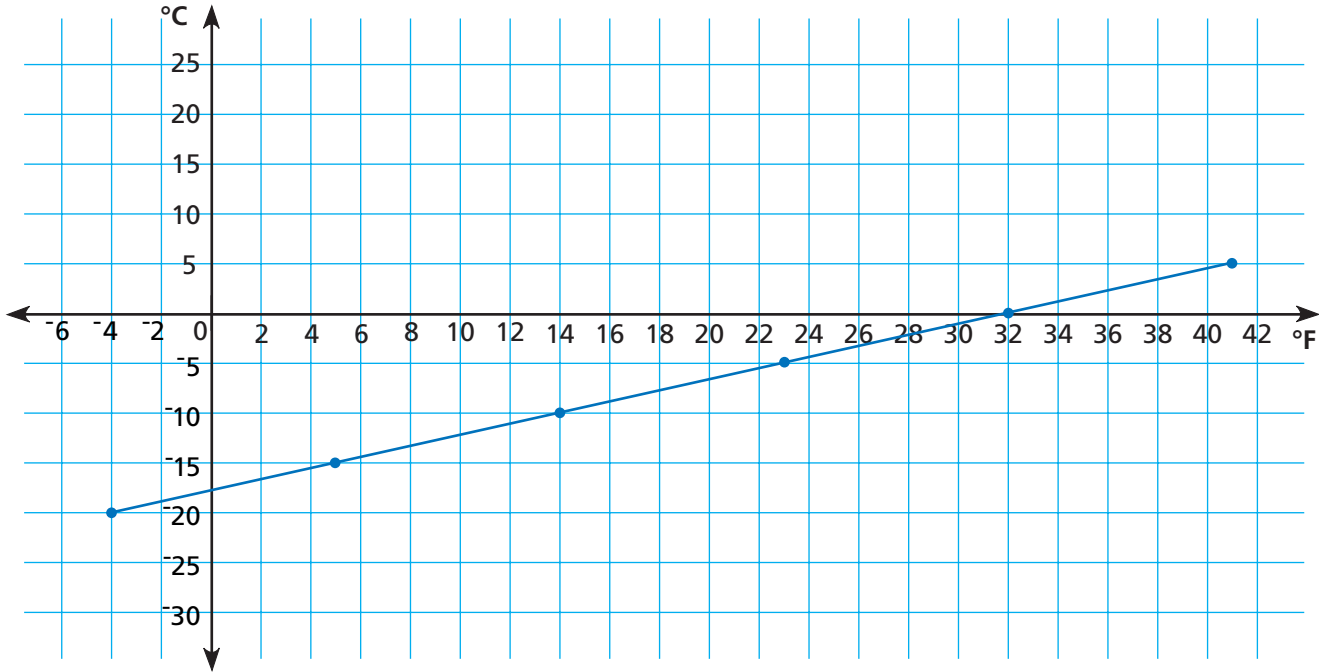
- 5 What was her total race time?

- 6 In which event did she go fastest?



For 7 and 8, use the Fahrenheit-Celsius Conversion graph. [Lesson 6](#)

FAHRENHEIT-CELSIUS CONVERSION



7 At midnight, it was 5°F . What was the temperature in Celsius degrees?

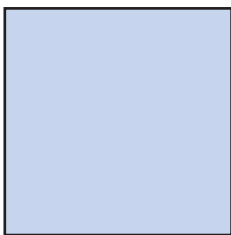
_____ $^{\circ}\text{C}$

8 How many degrees Fahrenheit is 0°C ?

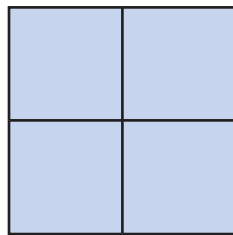
_____ $^{\circ}\text{F}$

For 9–11, use the sequence of pictures. [Lesson 7](#)

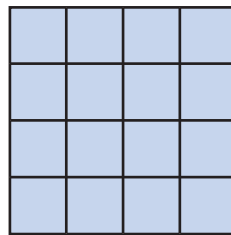
9 Draw lines to complete Picture 4 in the sequence.



Picture 1



Picture 2



Picture 3



Picture 4

10 Complete the table.

| | | | | |
|-------------------|---|---|----|---|
| Picture Number | 1 | 2 | 3 | 4 |
| Number of Squares | 1 | 4 | 16 | |

11 How many small squares are in Picture 4?

_____ squares