



Unit 2 Self Assessment

Think about each skill listed below. Assess your own progress by checking the most appropriate box.

Skills		I can do this on my own and explain how to do this.	I can do this on my own.	I can do this if I get help or look at an example.
① Make arrays.	MJ1 35, 39			
② Find factors and multiples.	MJ1 39, 41			
③ Find the area of rectangles.	MJ1 37			
④ Change from hours to minutes.	MJ1 49			
⑤ Know whether to add or multiply when comparing two things.	MJ1 53, 55			
⑥ Explain my mathematical thinking clearly and precisely.				
⑦ Identify properties of a quadrilateral.	MJ1 59			
⑧ Identify a line of symmetry.	MJ1 61			
⑨ Solve a "What's My Rule?" table.	MJ1 63			

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NAME

DATE

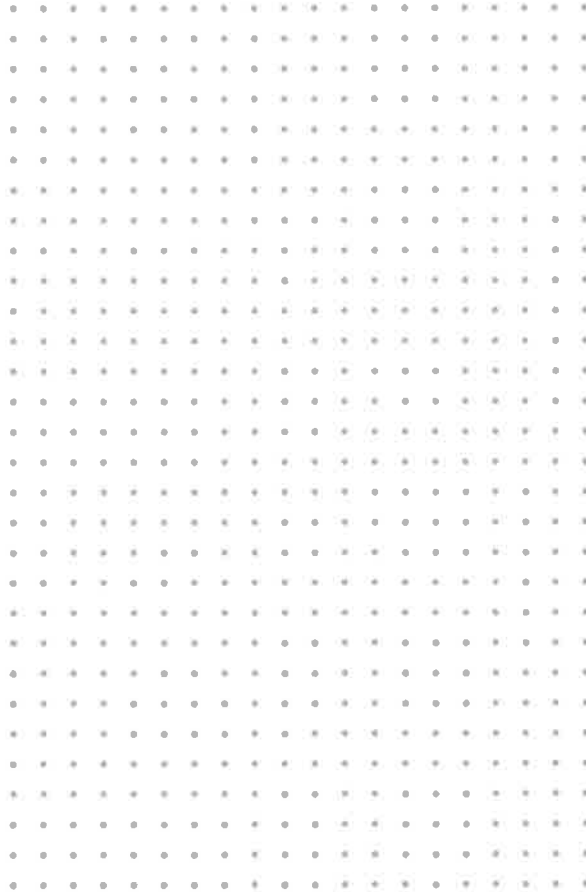
TIME

Lesson 2-14



Unit 2 Assessment

- ① a. Draw all of the arrays for 16.



- b. List all the factors of 16. _____

- ② List the first 10 multiples of 9.

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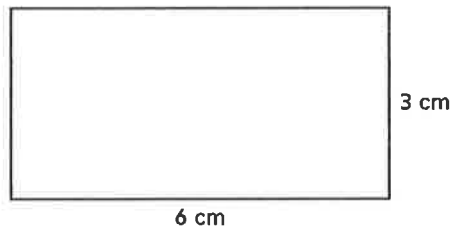


Unit 2 Assessment (continued)

- ③ Find the area of the rectangle.

a. Length: _____ cm

Width: _____ cm



Area: _____ square centimeters

- b. Explain how you found the area.

- ④ a. Find the number of minutes.

Hours	Minutes
1	
4	
7	
9	

- b. Explain how you found how many minutes are in 7 hours.

- ⑤ Should you add or multiply to find the answer to the question below? Explain.

Leland read for 20 minutes.
Katalina read 8 times as long.
How long did Katalina read?

NAME

DATE

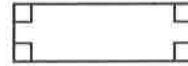
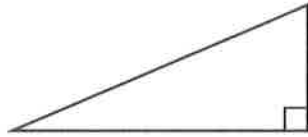
TIME

Lesson 2-14



Unit 2 Assessment (continued)

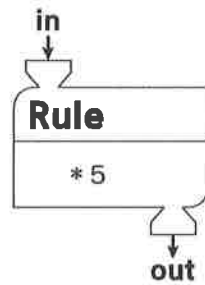
- ⑥ Circle any right angles or write *none*. ⑦ Name 2 properties of the quadrilateral.



- ⑧ Draw at least one line of symmetry in the shape.



- ⑨ Solve this "What's My Rule?" table.



In	Out
2	
	20
7	
12	

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Unit 2 Challenge

- ① The Ironman Triathlon is a long-distance race in which participants swim 2.4 miles, bike 112 miles, and run 26.2 miles without a break. In 2012, the men's winner of the triathlon completed the race in 8 hours, 18 minutes, and 37 seconds. The women's winner had a time of 9 hours, 15 minutes, and 54 seconds.

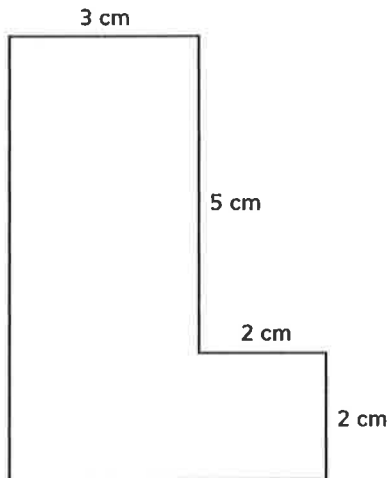
- a. How much faster was the men's winning time than the women's winning time, in seconds?

_____ seconds

- b. Participants in the Ironman Triathlon must finish the race in 17 hours. How many seconds did the men's winner have left before time ran out?

_____ seconds

- ② a. Find the area.



Area: _____ square centimeters

- b. Explain how you found the area.

