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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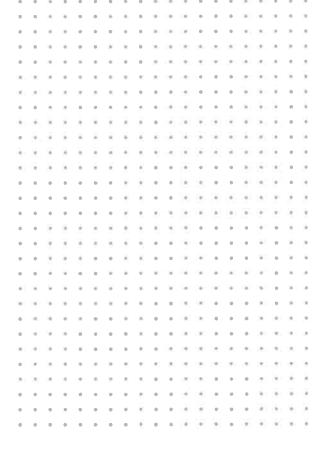
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TIME

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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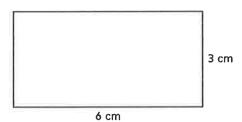


Unit 2 Assessment (continued)

(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?

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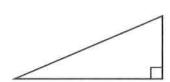
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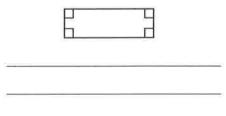
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Unit 2 Assessment (continued)

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

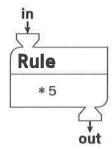




8 Draw at least one line of symmetry in the shape.



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



In	Out
2	
	20
7	
12	

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Unit 2 Challenge

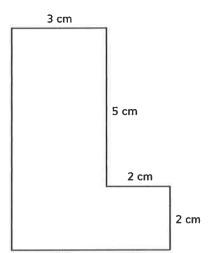
- 1 The Ironman Triathlon is a long-distance race in which participants swim 2.4 miles, bike 112 miles, and run 26.2 miles without a break. In 2012, the men's winner of the triathlon completed the race in 8 hours, 18 minutes, and 37 seconds. The women's winner had a time of 9 hours, 15 minutes, and 54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

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