

Grade 3

Quiz 1

Sample Questions



Reveal Math
Al Maseera School

1.	Understand area.	No.1	Pg.203
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Which figure is tiled correctly to find the area? Circle it.



1.	Understand area.	No.2-5	Pg.203
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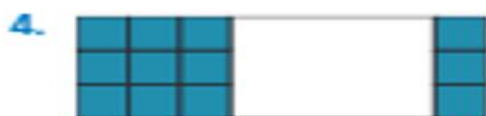
What is the area of the figures? Draw to complete the tiling.



area = _____ square units



area = _____ square units



area = _____



area = _____

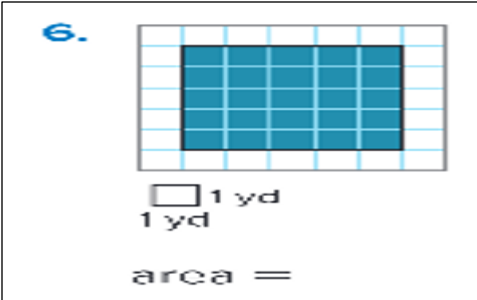
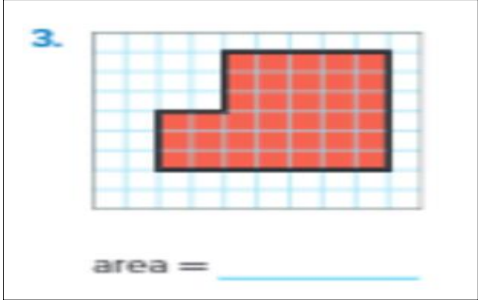
1.	Understand area.	No.1-8	Pg.203
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Why is it important that are no gaps or overlaps when tiling a figure?

A	To get the correct measurement.
B	To get the incorrect measurement

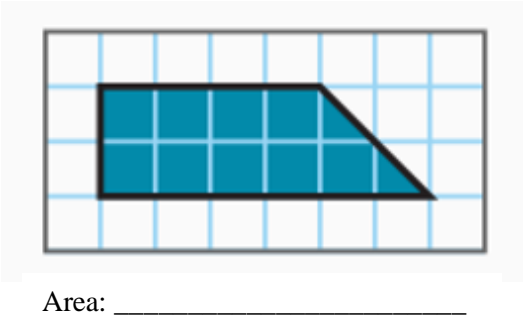
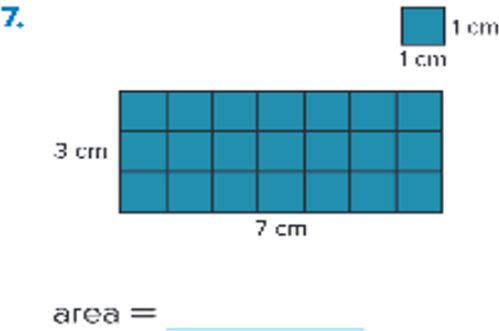
2.	Count unit squares to determine area.	No.3,6	Pg.207
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How can you find the area of the figure? Label the area with the unit.



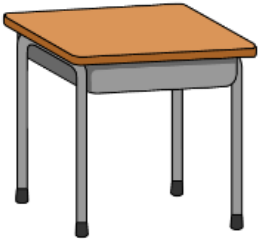
2.	Count squares to determine area.	No.7,12, 10	Pg.207
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How can you find the area of the figure? Label the area with the unit.



Jaime's workshop table is 20 square feet. Which of these could be the side lengths of the table? Explain.

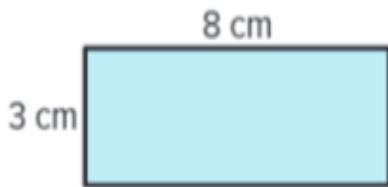
A	2 feet and 10 feet
B	4 feet and 5 feet
C	2 feet and 5 feet



3.	Use multiplication to determine area.	No.3-4	Pg.211
		No. 8-9	Pg.212

How can you determine the area of the figure? Label the area with units.

3.

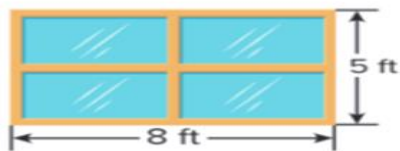


4.



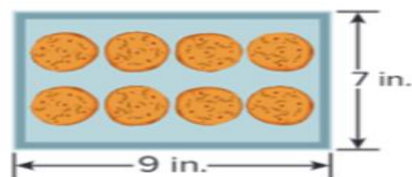
How can you find the area of the object?

8.



The area of the window is _____ square _____.

9.



The area of the baking sheet is _____ square _____.

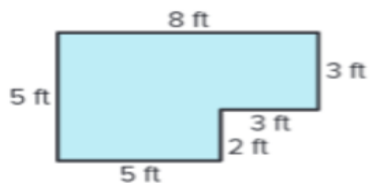
Enrique painted a mural on his sister's wall. The side lengths of the wall are shown. What is the area of the wall that Enrique painted?



4.	Determine the area of a composite figure.	No.1-4	Pg.213
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Draw one or more partition lines to partition each figure. Then find the area of the composite figure.

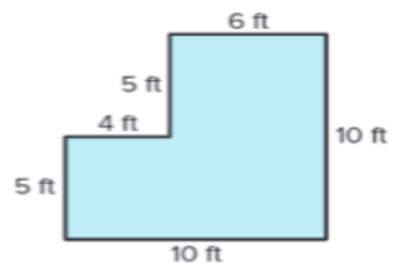
1.



area = _____ + _____

area = _____ square feet

2.



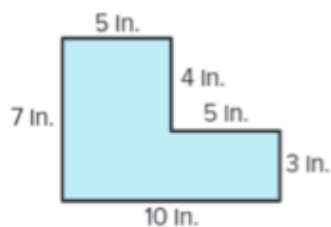
area = _____ + _____

area = _____ square feet

4.	Determine the area of a composite figure.	No.3-4	Pg.215
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Draw one or more partition lines to partition each figure. Then find the area of the composite figure.

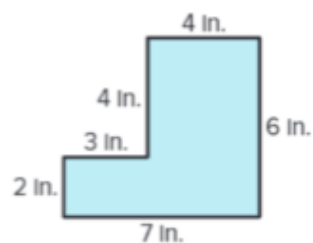
3.



area = _____ + _____

area = _____ square inches

4.



area = _____ + _____

area = _____ square inches

5.	Use the distributive property to determine area.	No.1-2	Pg.221
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How can you decompose to find the area of each rectangle?

1.

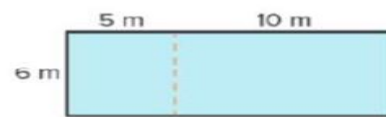


$$4 \times 8 = 4 \times \underline{\quad} + 4 \times \underline{\quad}$$

$$4 \times 8 = \underline{\quad} + \underline{\quad}$$

$$4 \times 8 = \underline{\quad} \text{ square cm}$$

2.



$$6 \times 15 = 6 \times \underline{\quad} + 6 \times \underline{\quad}$$

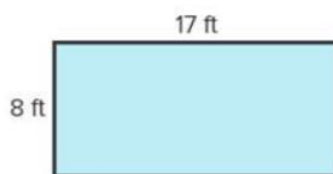
$$6 \times 15 = \underline{\quad} + \underline{\quad}$$

$$6 \times 15 = \underline{\quad} \text{ square m}$$

5	Use the distributive property to determine area.	No.6-7	Pg.222
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How can you decompose to find the area of each rectangle?

6.



$$8 \times 17 = 8 \times \underline{\quad} + 8 \times \underline{\quad}$$

$$8 \times 17 = \underline{\quad} + \underline{\quad}$$

$$8 \times 17 = \underline{\quad} \text{ square ft}$$

7.



$$5 \times 16 = 5 \times \underline{\quad} + 5 \times \underline{\quad}$$

$$5 \times 16 = \underline{\quad} + \underline{\quad}$$

$$5 \times 16 = \underline{\quad} \text{ square m}$$

