

Grade 3

Quiz 1

Sample Questions



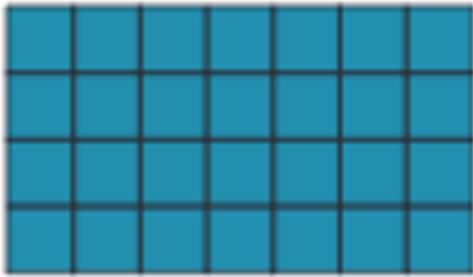
Reveal Math
Al Maseera School

1. Understand area.

No.1

Pg.203

Which figure is tiled correctly to find the area? Circle it.



1. Understand area.

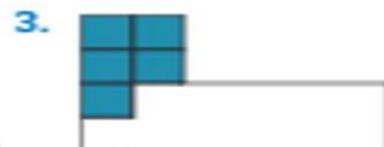
No.2-5

Pg.203

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

Why is it important that there are no gaps or overlaps when tiling a figure?

A To get the correct measurement.

B To get the incorrect measurement

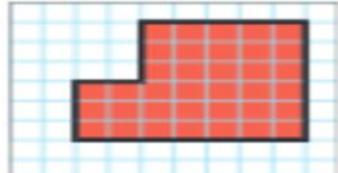
2. Count unit squares to determine area.

No.3,6

Pg.207

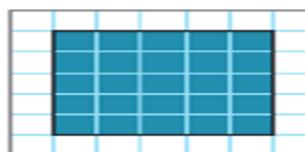
How can you find the area of the figure? Label the area with the unit.

3.



area = _____

6.



area = _____

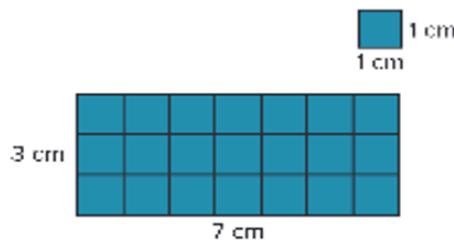
2. Count squares to determine area.

No.7,12,
10

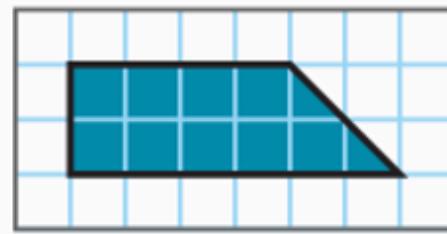
Pg.207

How can you find the area of the figure? Label the area with the unit.

7.



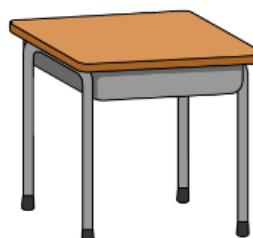
area = _____



Area: _____

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

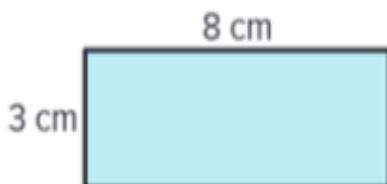
Pg.211

No. 8-9

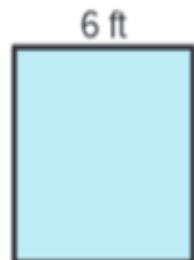
Pg.212

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

3.

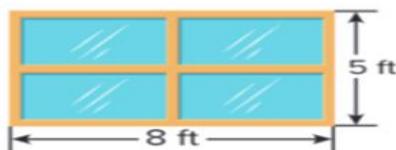


4.



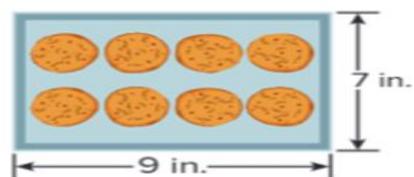
How can you find the area of the object?

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?



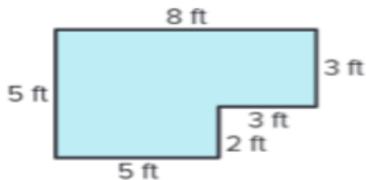
4. Determine the area of a composite figure.

No.1-4

Pg.213

Draw one or more partition lines to partition each figure. Then find the area of the composite figure.

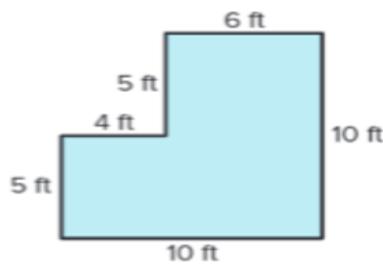
1.



$$\text{area} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$\text{area} = \underline{\hspace{2cm}} \text{ square feet}$$

2.



$$\text{area} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$\text{area} = \underline{\hspace{2cm}} \text{ square feet}$$

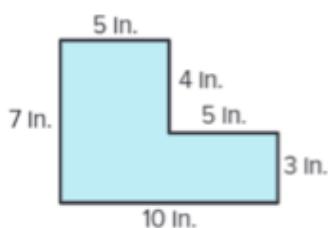
4. Determine the area of a composite figure.

No.3-4

Pg.215

Draw one or more partition lines to partition each figure. Then find the area of the composite figure.

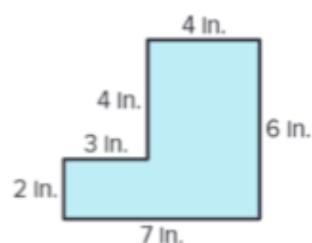
3.



$$\text{area} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$\text{area} = \underline{\hspace{2cm}} \text{ square inches}$$

4.



$$\text{area} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$\text{area} = \underline{\hspace{2cm}} \text{ square inches}$$

5. Use the distributive property to determine area.

No.1-2

Pg.221

How can you decompose to find the area of each rectangle?

1.

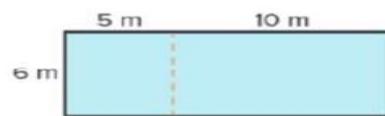


$$4 \times 8 = 4 \times \underline{\quad} + 4 \times \underline{\quad}$$

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

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

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

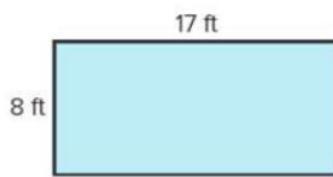
Use the distributive property to determine area.

No.6-7

Pg.222

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.



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

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

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

