

UNITED ARAB EMIRATES
MINISTRY OF EDUCATION
Al Dahfra
Al Selaa School (KG & cycle 1)



الإمارات العربية المتحدة
وزارة التربية والتعليم
الظفرة
روضة ومدرسة السلع

مخرجات الاختبار التقييمي الأول لمادة الرياضيات الصف الثالث

Miss : Farida Alhammadi

Unit 6 : Connect Area and Multiplication

Lesson 2: Count unit Squares to Determine Area ,page 205-208

Lesson 3: Use Multiplication to Determine Area ,page 209-212

Lesson 4: Determine the Area of composite figure ,page 213-216

Unit Review: page 228-229, Q:9 – Q:10 – Q: 12 – Q:13 – Q:14

Unit 7 : Fractions

Lesson 1: Partition shapes into equal parts ,page 3-6

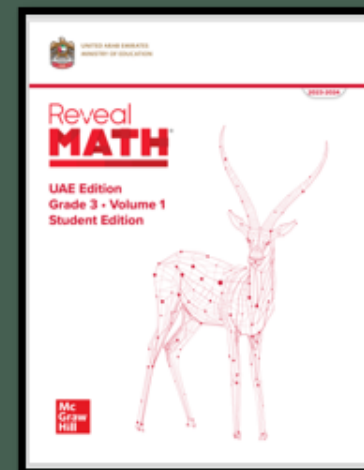
Lesson 2: Understand Fractions ,page 7-10

Lesson 3 : Represent Fractions on a number line ,page 13-16

Unit Review: page 7 Q:7 – Q:8 – Q: 9 – Q:13

التدريب على أسئلة الكتاب

MATH
29/1/2024

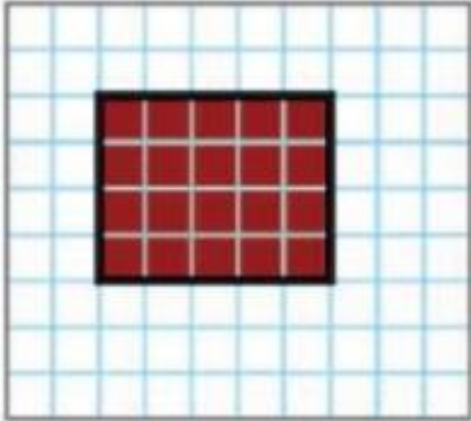


On My Own

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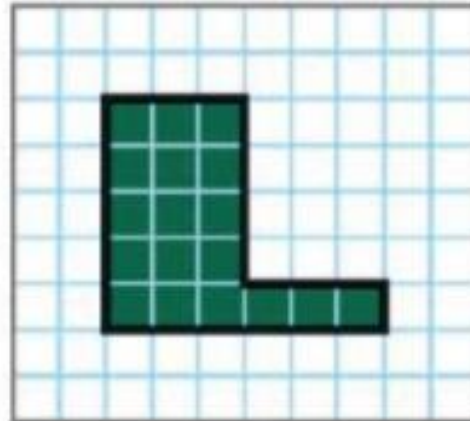
How can you find the area of the figure? Label the area with the unit.

1.



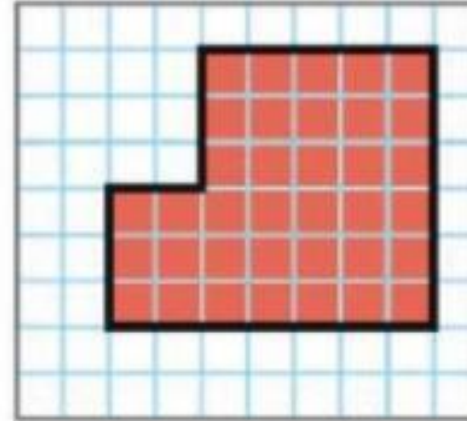
area = _____

2.



area = _____

3.

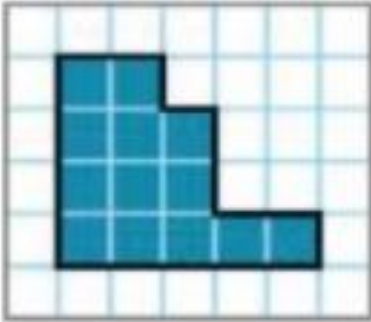


area = _____

On My Own

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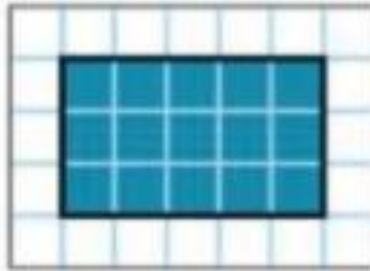
4.



□ 1 m
1 m

area = _____

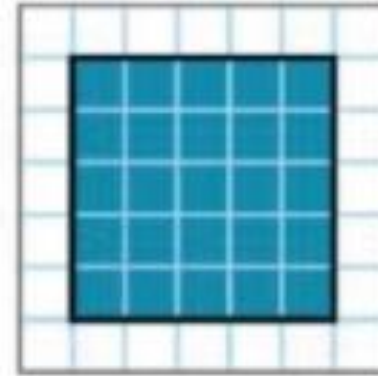
5.



□ 1 ft
1 ft

area = _____

6.



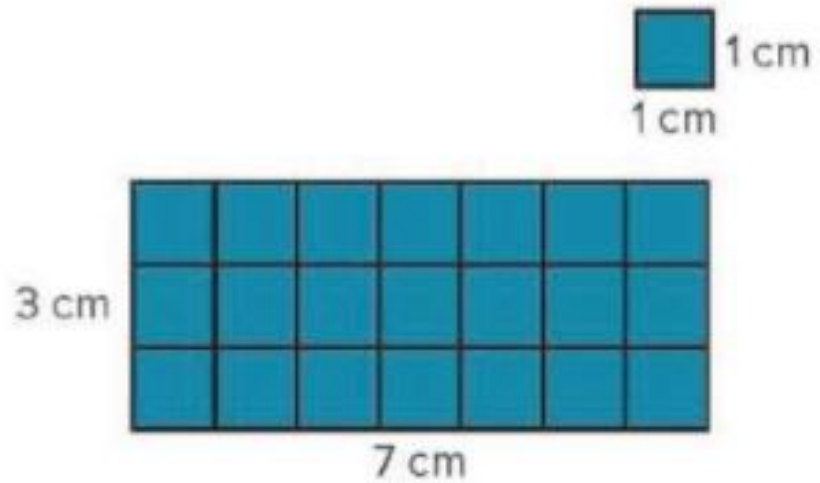
□ 1 yd
1 yd

area = _____

On My Own

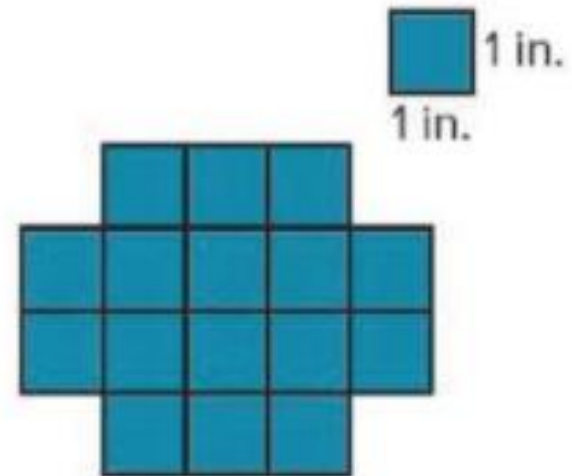
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7.



area = _____

8.



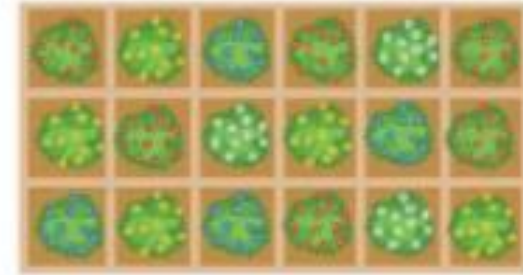
area = _____

9. How do you decide the unit to label the area of a figure?

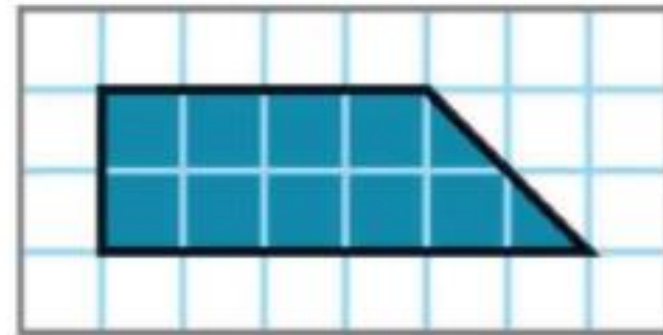
10. Jaime's workshop table is 20 square feet. Which of these could be the side lengths of the table? Explain.

2 feet and 10 feet 4 feet and 5 feet 2 feet and 5 feet

- 11. STEM Connection** Sam designs a school garden. Each planter box will be 1 foot by 1 foot. What is the area of the garden?

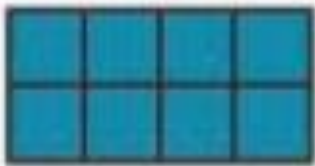


- 12. Extend Your Thinking** How can you find the area of the figure? Explain.



How can you label the side lengths and find the area of the rectangle?

1.



area = _____ square units

2.



area = _____ square units

On My Own

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

3.



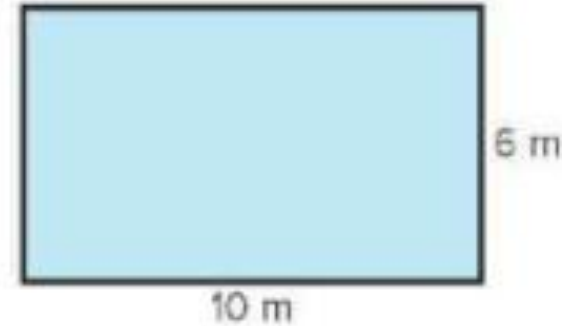
4.



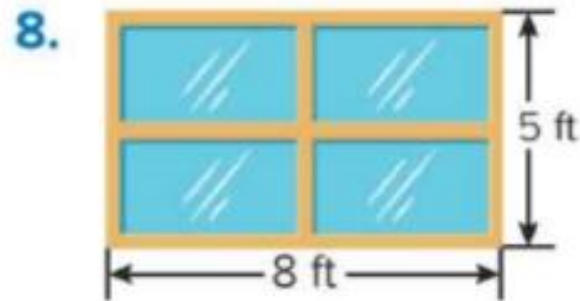
5.



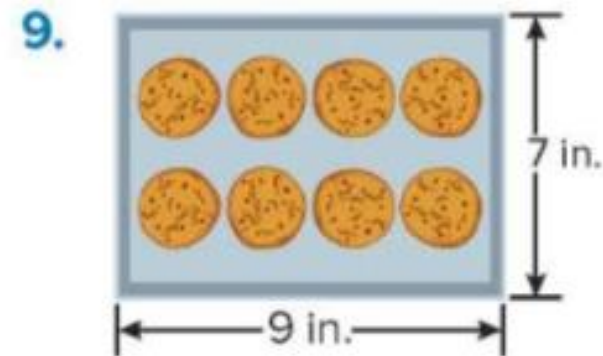
6.



How can you find the area of the object?

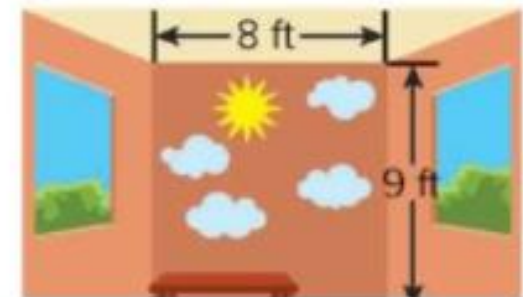


The area of the window is
_____ square _____.

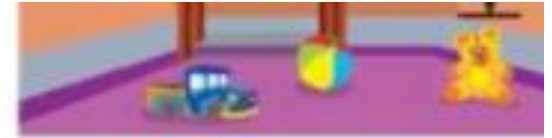


The area of the baking sheet
is _____ square _____.

10. 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?



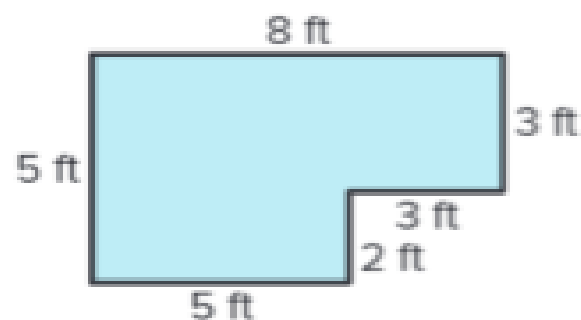
11. Tonya is wrapping the front cover of her notebook. The cover is 10 inches long and 8 inches wide. What is the area of the cover?



12. **Extend Your Thinking** A closet floor is the shape of a rectangle. The area of the floor is 18 square feet. What could be the length and width of the floor?

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

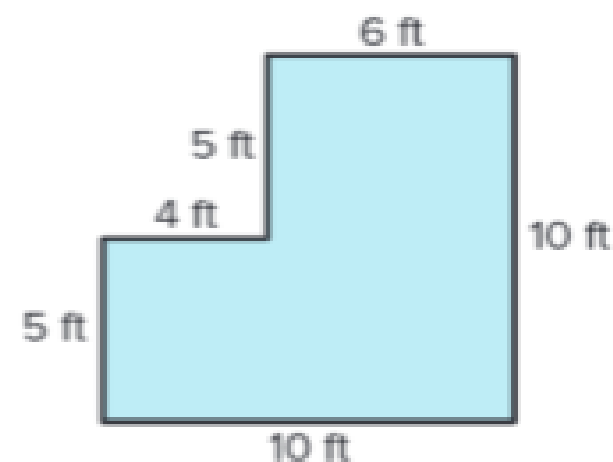
1.



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

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

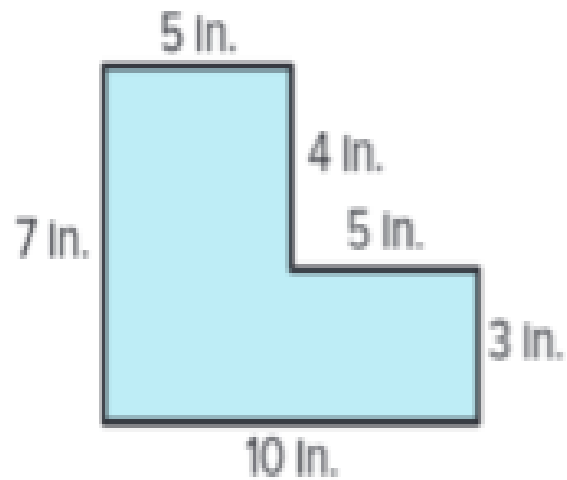
2.



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

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

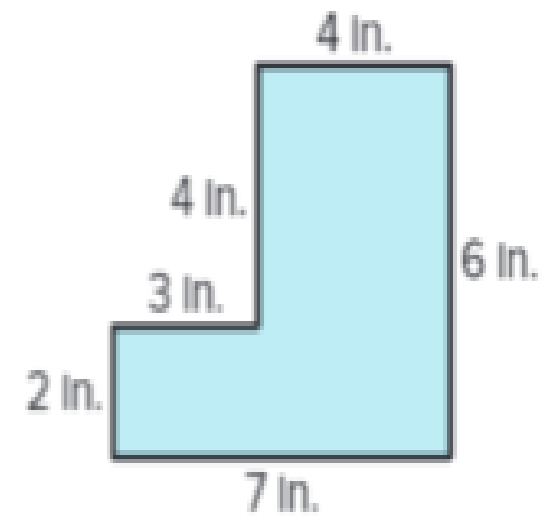
3.



area = +

area = square inches

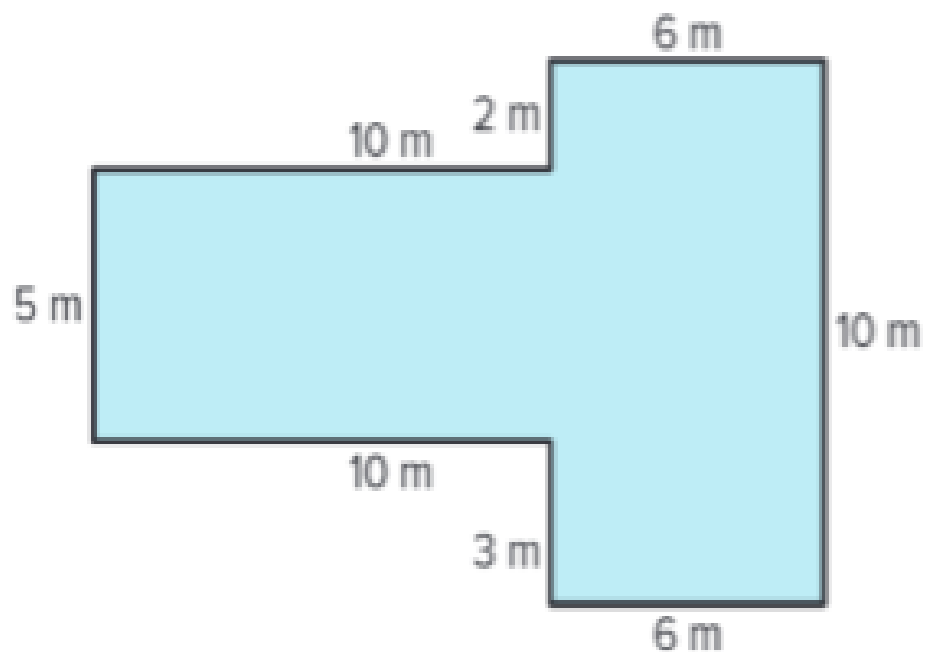
4.



area = +

area = square inches

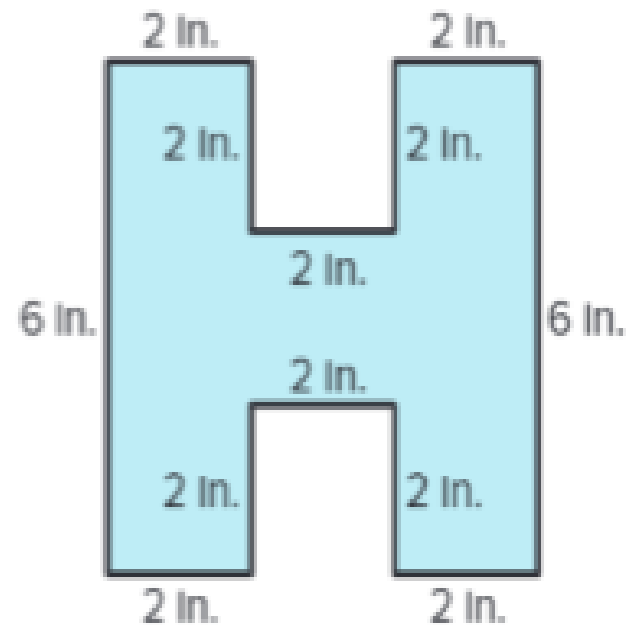
5.



area = _____ + _____

area = _____ square meters

6.

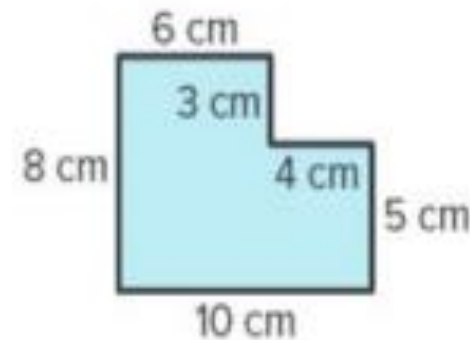


area = _____ + _____ + _____

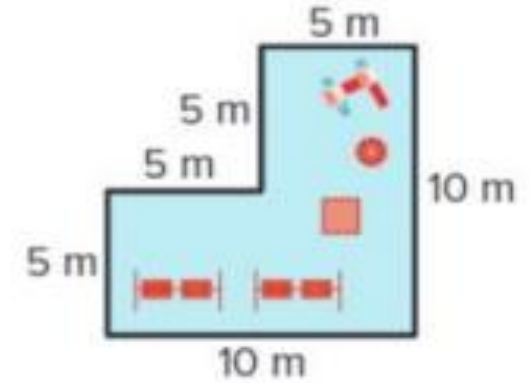
area = _____ square inches

7. A composite figure is made of a rectangle and a square. The area of the composite figure is 44 square inches. The area of the square is 12 square inches. How can you determine the area of the rectangle?

8. Paul says that the area of the figure is 68 square centimeters. How might he have determined the area?

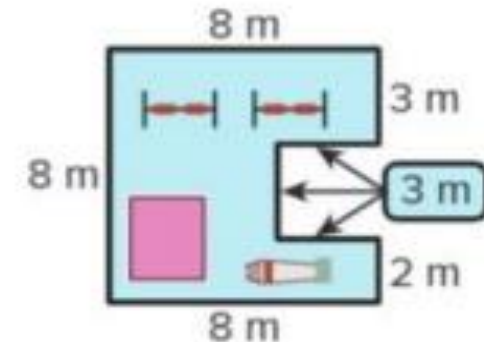
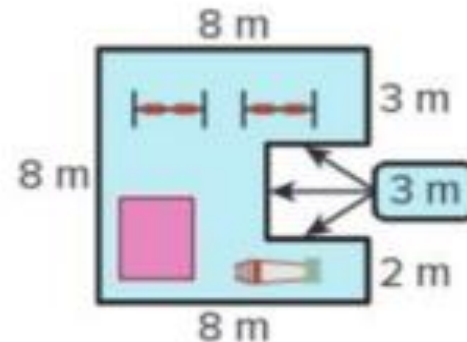


- 9. STEM Connection** Sam designs a playground for the city park. What is the area of the playground?



10. Extend Your Thinking

The same park is shown twice. How can you find the area of the park two different ways?

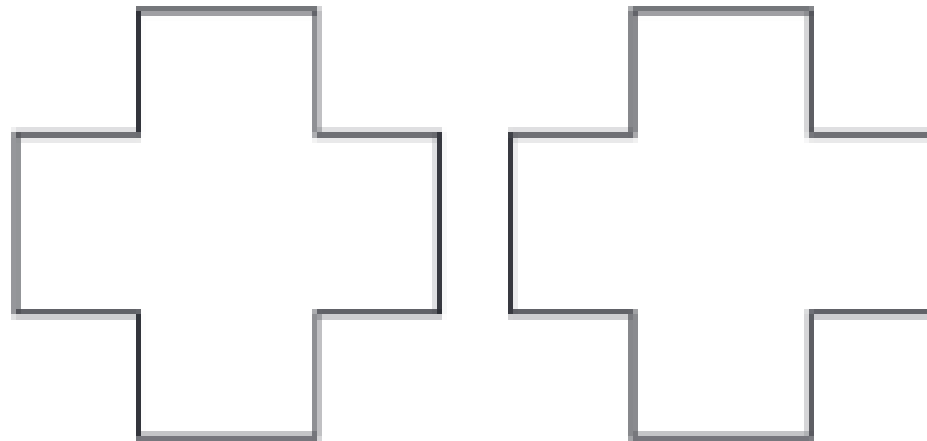


Work Together

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Work Together

How can you partition this shape into fourths in two different ways?



How can you draw a line or lines to partition the shape into equal parts?

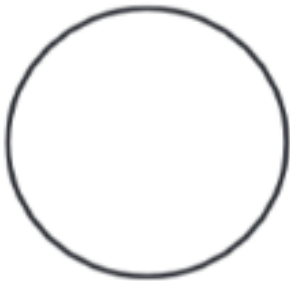
1. fourths



2. sixths



3. eighths

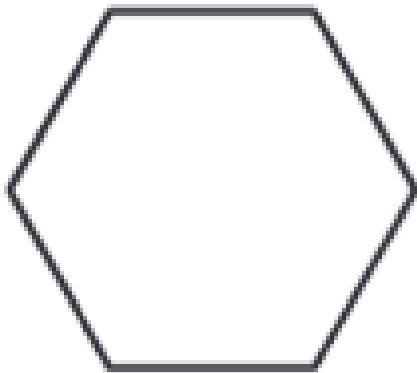


4. fourths

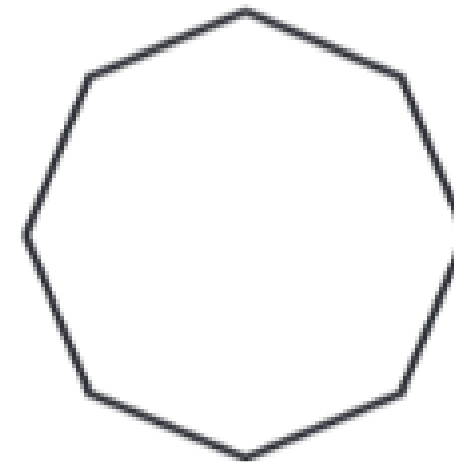


How can you draw a line or lines to partition the shape into equal parts?

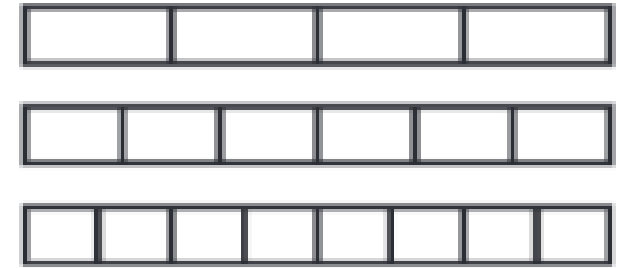
5. sixths



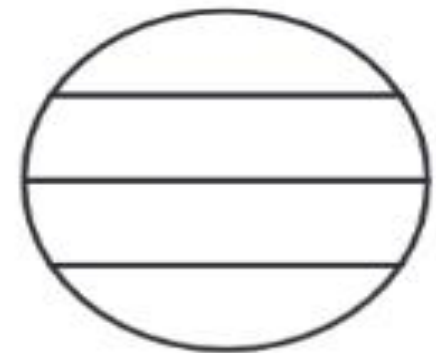
6. eighths



7. Wendy draws three rectangles that are the same size. She partitions each rectangle into equal parts. What happens to the size of each part as the number of parts increases?



8. **Error Analysis** Kelly drew this shape. She says the shape represents fourths because she partitioned the shape into 4 parts. Do you agree? Explain.



How can you complete the sentence for the shape?

9. The shape is partitioned into _____ equal parts
or _____.

10. The shape is partitioned into _____ equal parts
or _____.

11. The shape is partitioned into _____ equal parts
or _____.



Extend Your Thinking

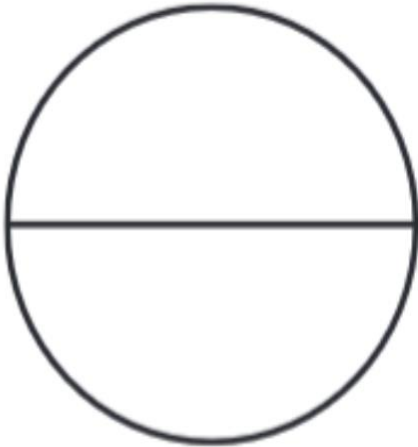
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- 12. Extend Your Thinking** Paul partitions a rectangle into 4 parts. Are the parts equal? Explain your thinking.



What **unit fraction** is represented by each part of the figure?

1.

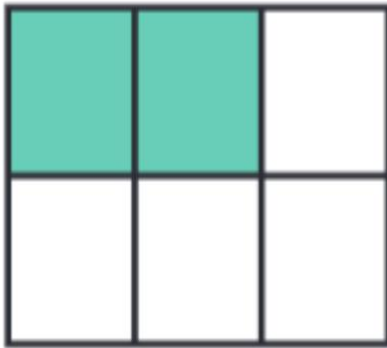

$$\frac{\square}{\square}$$

2.


$$\frac{\square}{\square}$$

What fraction is represented by the shaded part of the figure?

3.



$$\frac{\square}{\square}$$

4.



$$\frac{\square}{\square}$$

5.



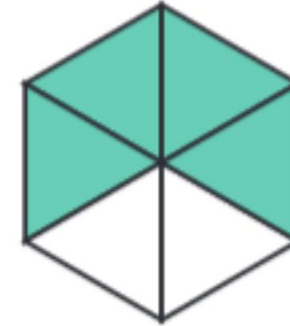
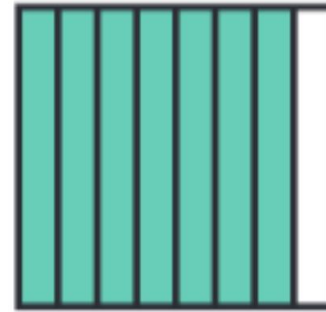
$$\frac{\square}{\square}$$

6.



$$\frac{\square}{\square}$$

7. What fraction represents the shaded part and unshaded part of the figure ?

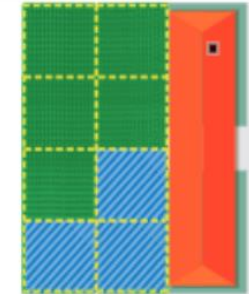


Fraction to Represent Shaded Part			
Fraction to Represent Unshaded Part			

8. Rubi mowed part of her lawn. The green parts show the parts of the lawn that were not mowed.

a. Write a fraction to represent the part of the lawn that was mowed.

b. Write a fraction to represent the part of the lawn that was not mowed.



9. **Error Analysis** Carrie uses a jewelry tray to store her earrings. She says that $\frac{3}{5}$ of the tray is filled with earrings. Do you agree? Explain.

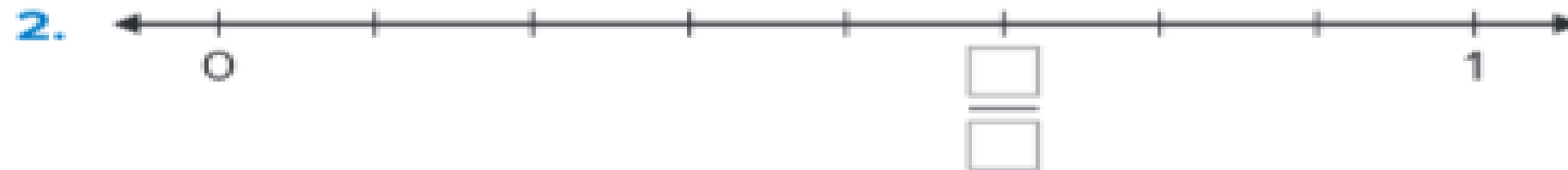
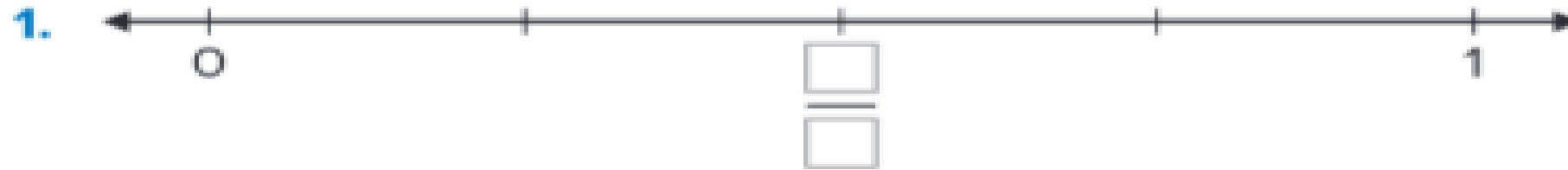


Work Together

Where would you place $\frac{3}{6}$ on this number line?



How can you fill in the fraction labeled with a point?



Where would you place the fraction on the number line?
Partition the number line to show your thinking.



8. Rhea placed point B on the number line. What fraction is represented by point B ? Explain how you know.



9. How would you represent $\frac{3}{8}$ on a number line?

10. Julie climbs a rope in gym class. The rope is partitioned into equal-length sections. She climbs to the fifth knot. What fraction of the rope does Julie climb? Explain.



11. **STEM Connection** Haley tracks a spacecraft. A rocket is $\frac{3}{6}$ of the way from Earth to the moon. How can you represent how far it has traveled on a number line?



12. **Extend Your Thinking** Brice and Cassie are running a race. Brice has completed $\frac{1}{2}$ of the race. Cassie has completed $\frac{4}{6}$ of the race. Show their positions on the racetrack. Who is winning? Explain.

