

Name: \_\_\_\_\_

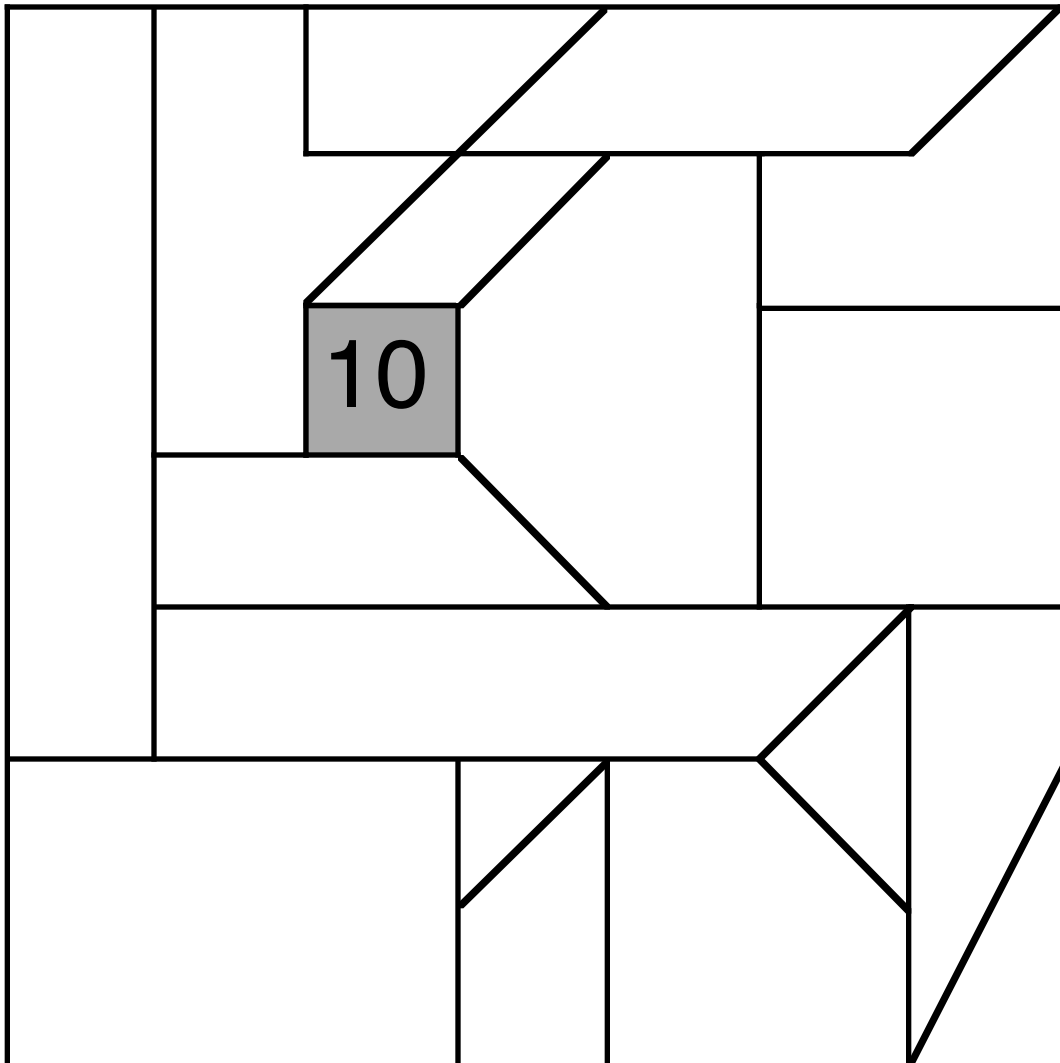
Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Area 10 Puzzle

The area of the gray square is 10.

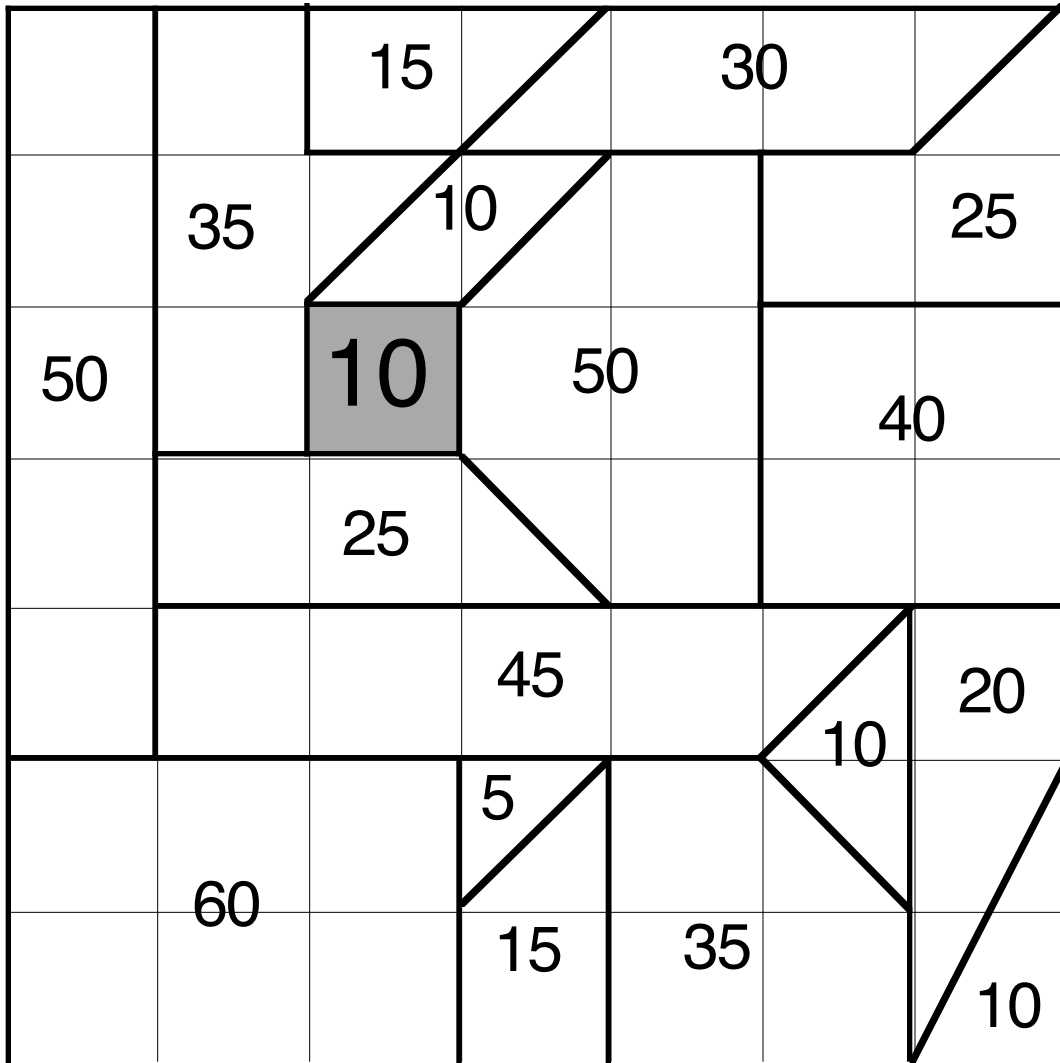
Based on the area of the square find the area of each of the other shapes.



What is the area of the whole square?

# Area 10 Puzzle

Answer Key



What is the area of the whole square? 640

For additional pre-algebra activities check out my book at  
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Name: \_\_\_\_\_

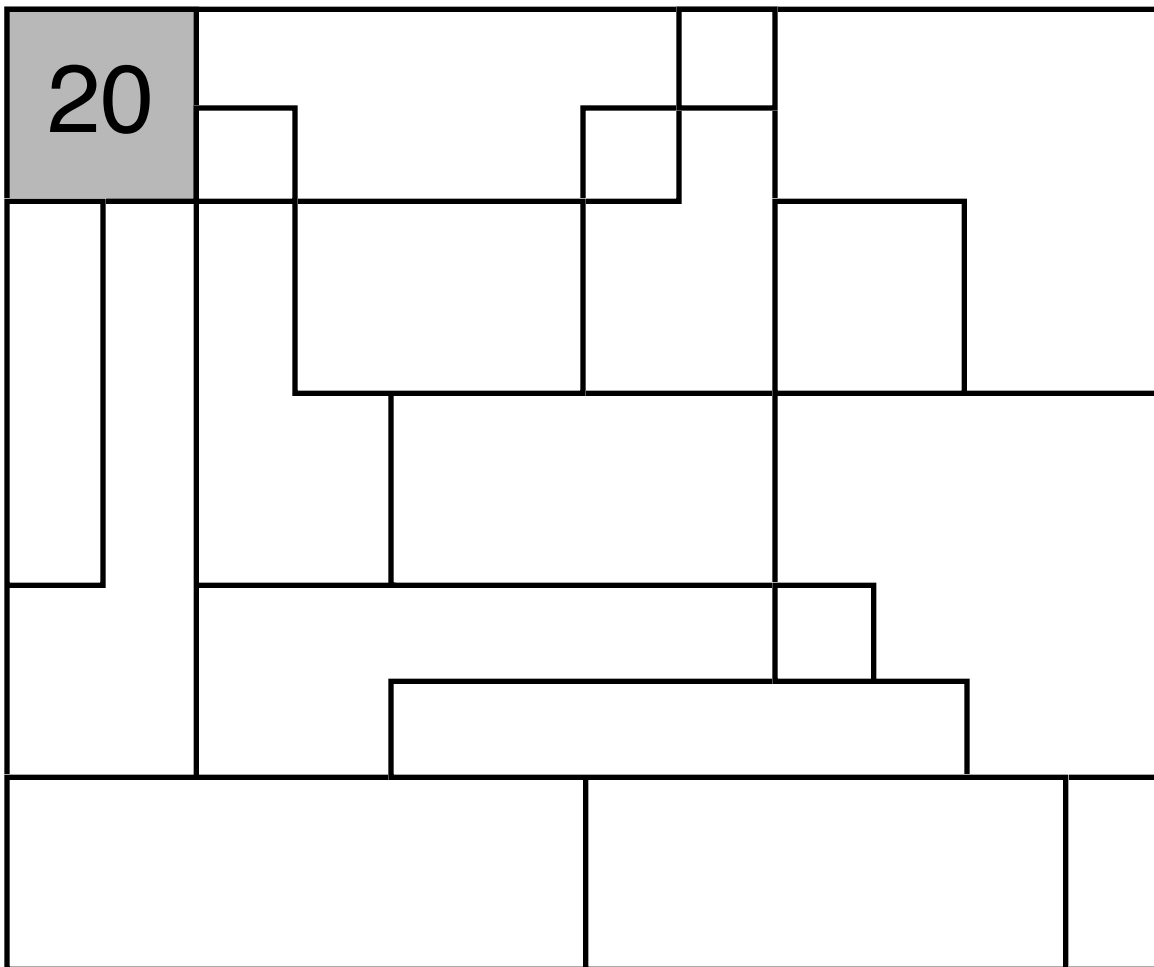
Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Area 20 Puzzle

The area of the gray square is 20.

Based on the area of the square find the area of each of the other shapes.

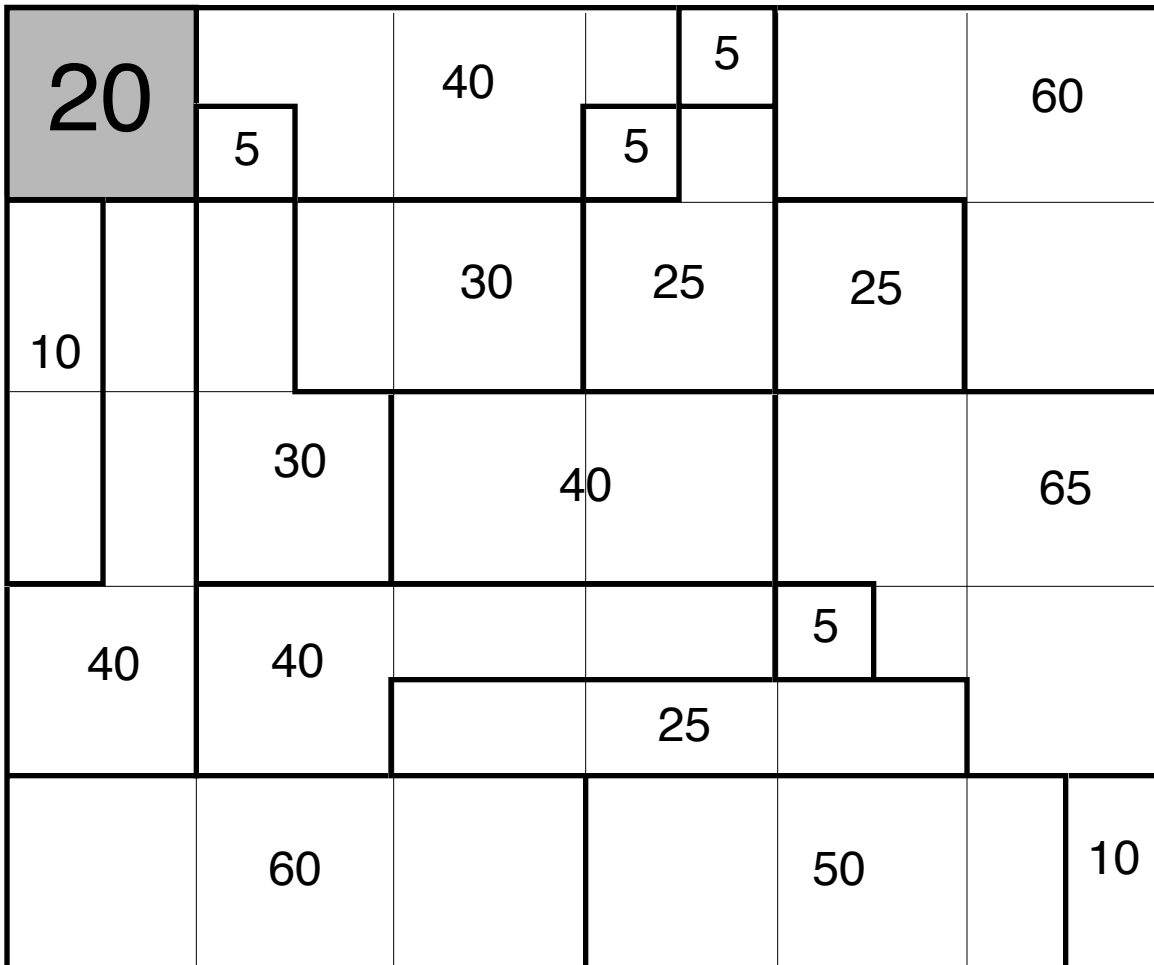


What is the area of the whole square?

Is the shape a square? Yes/No Explain your answer.

# Area 20 Puzzle

## Answer Key



What is the area of the whole square? 500 square units

Is the shape a square? **Yes/No** Explain your answer.

The shape has five squares horizontally and five squares vertically.

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Name: \_\_\_\_\_

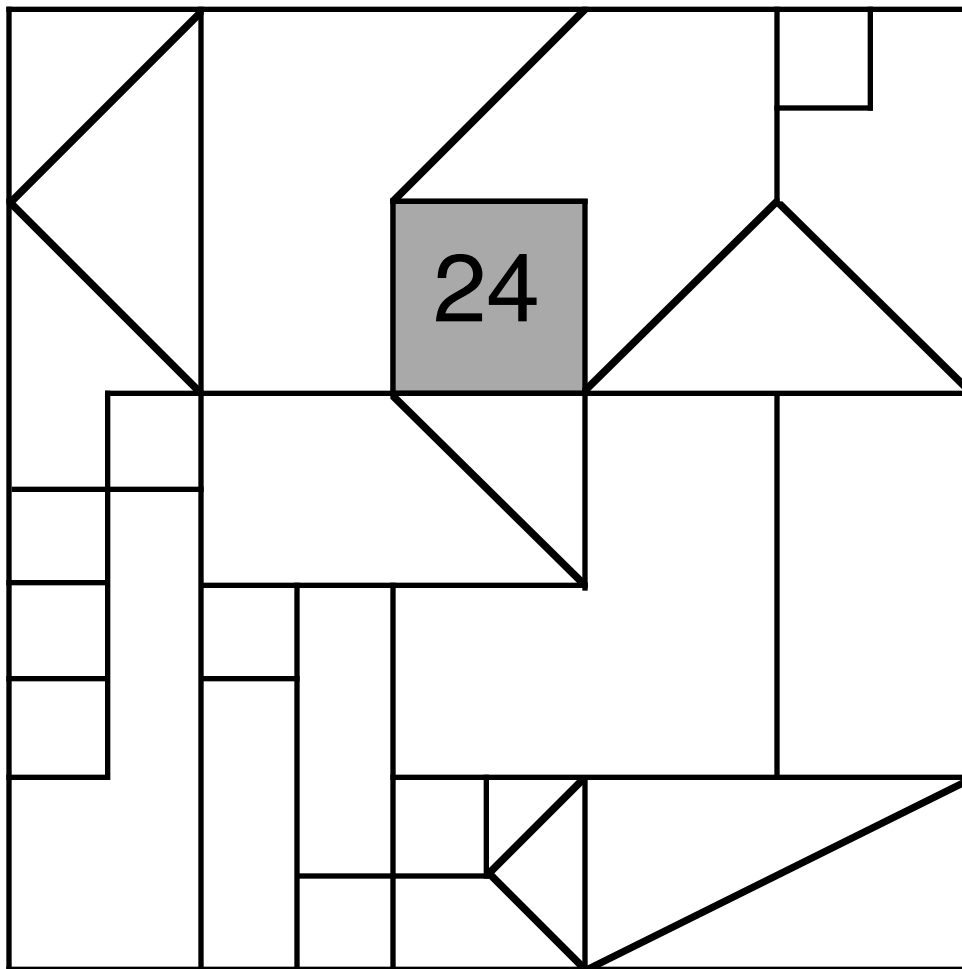
Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Area 24 Puzzle

The area of the gray square is 24.

Based on the area of the square find the area of each of the other shapes.

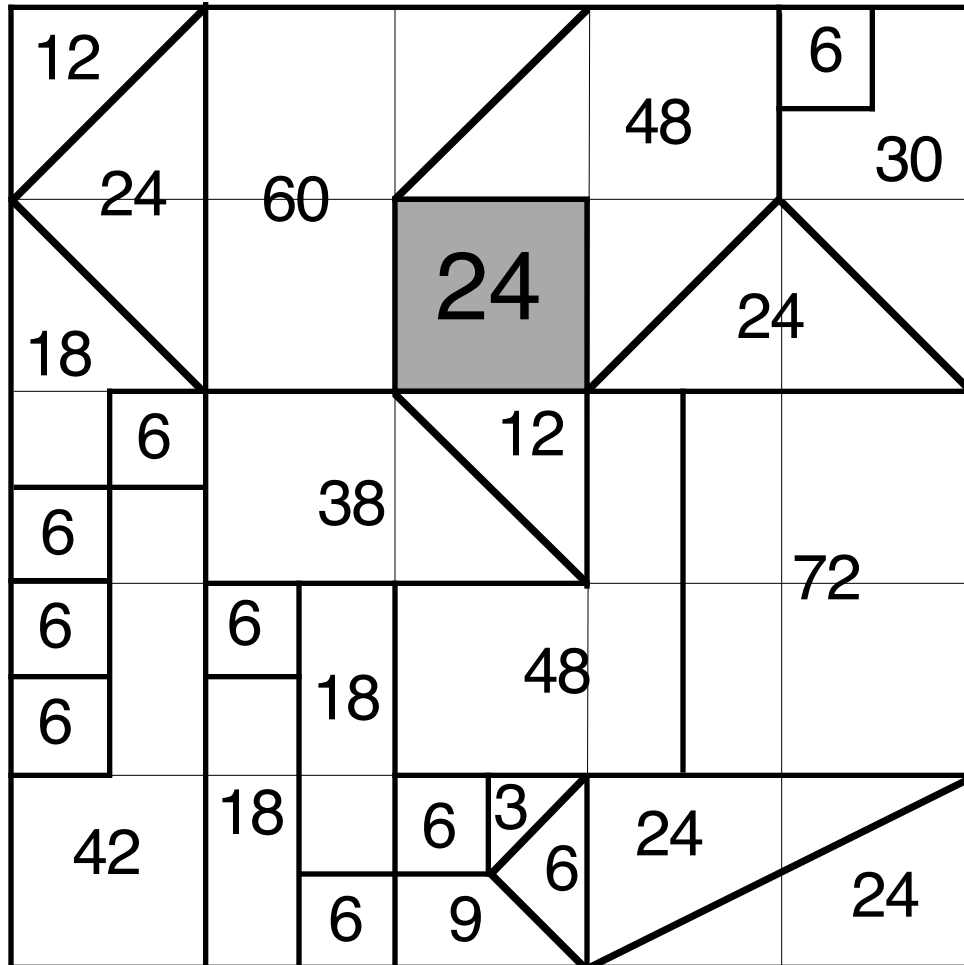


What is the area of the shape?

Is the shape a square? Yes/No Explain your answer.

# Area 24 Puzzle

## Answer Key



What is the area of the shape? 600 square units

Is the shape a square? **Yes/No** Explain your answer.

The shape has five squares horizontally and five squares vertically.

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Name: \_\_\_\_\_

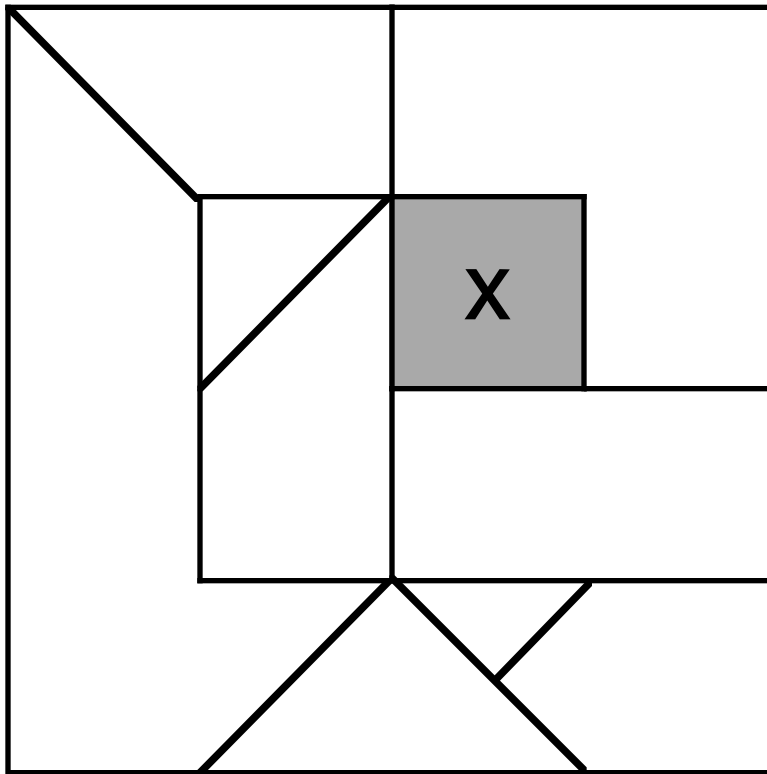
Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Area X Puzzle

The area of the gray square is  $X$ .

Based on the area of the square find the area of each of the other shapes.

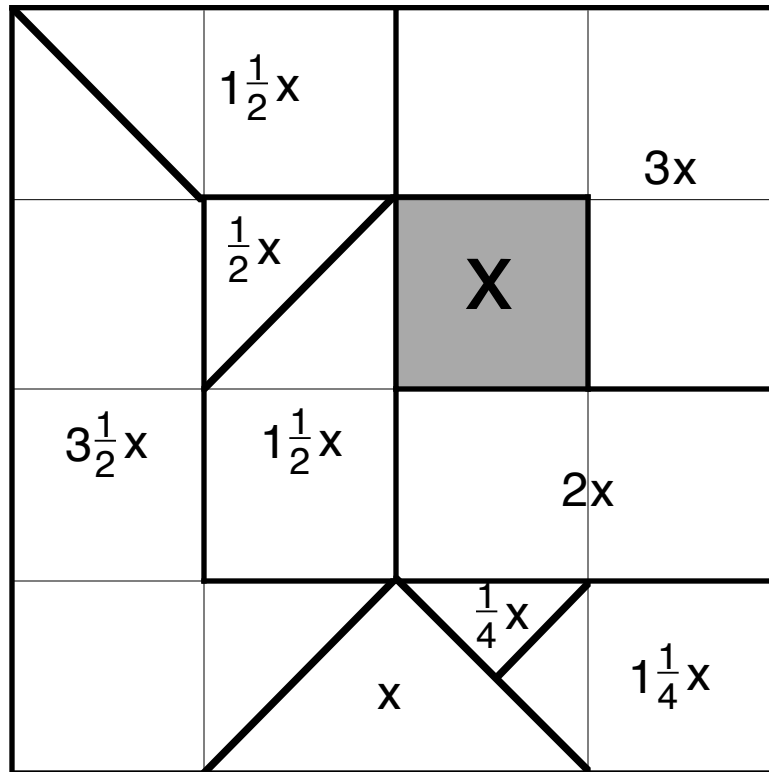


What is the area of the whole shape?

Is the shape a square? Yes/No Explain your answer.

# Area X Puzzle

## Answer Key



What is the area of the shape?  $16x$  square units

Is the shape a square? **Yes/No** Explain your answer.

The shape has four squares horizontally and four squares vertically.

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Name: \_\_\_\_\_

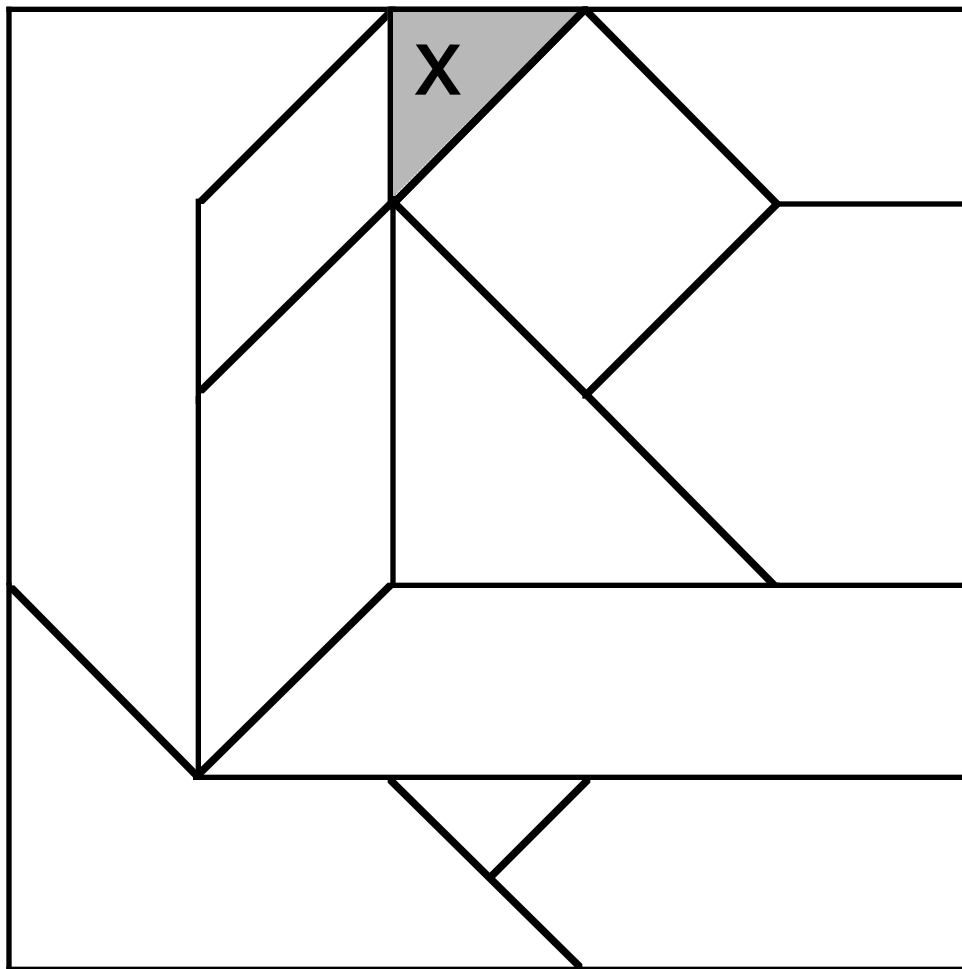
Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Area X Puzzle

The area of the gray square is  $X$ .

Based on the area of the square find the area of each of the other shapes.

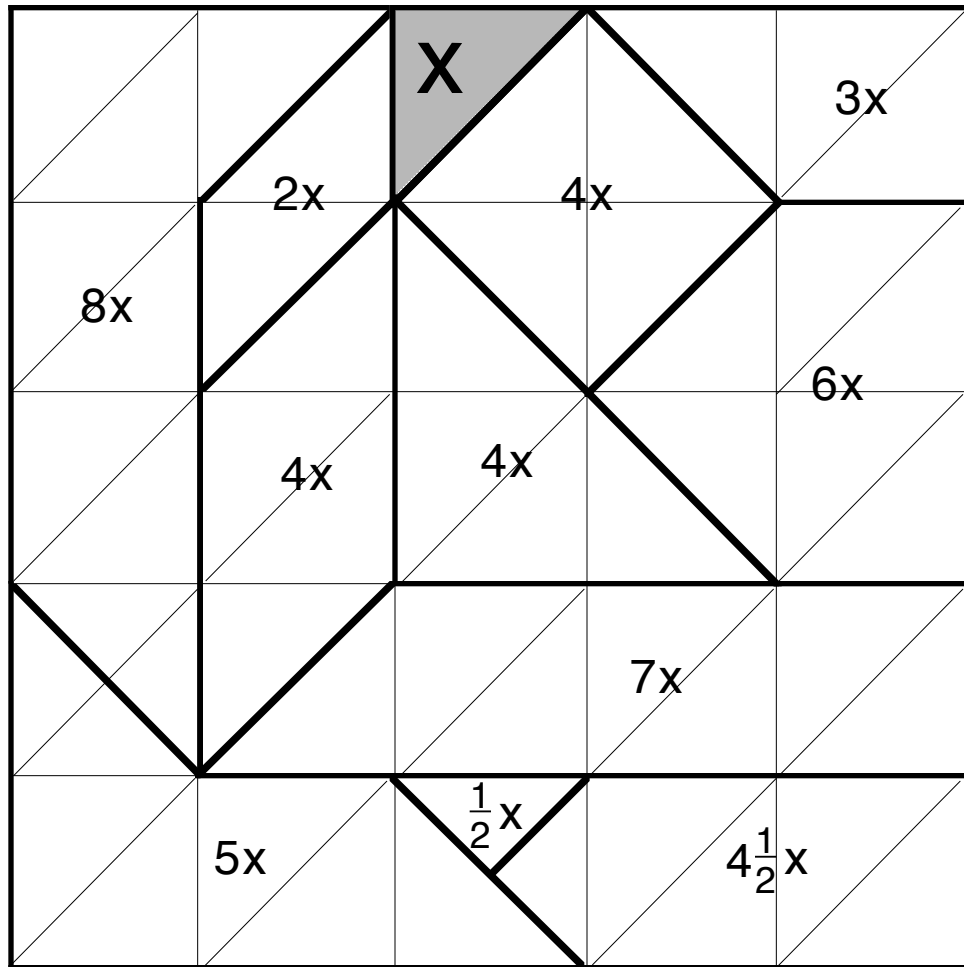


What is the area of the whole shape?

Is the shape a square? Yes/No Explain your answer.

# Area X Puzzle

## Answer Key



What is the area of the whole shape?  $50x$  square units

Is the shape a square? **Yes/No** Explain your answer.

The shape has 10 triangles horizontally and 10 triangles vertically.

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