

Name \_\_\_\_\_

**Grade 3 - Benchmark 1**  
**Constructed Response**

**Solve the problem below. Show your work in the box.**

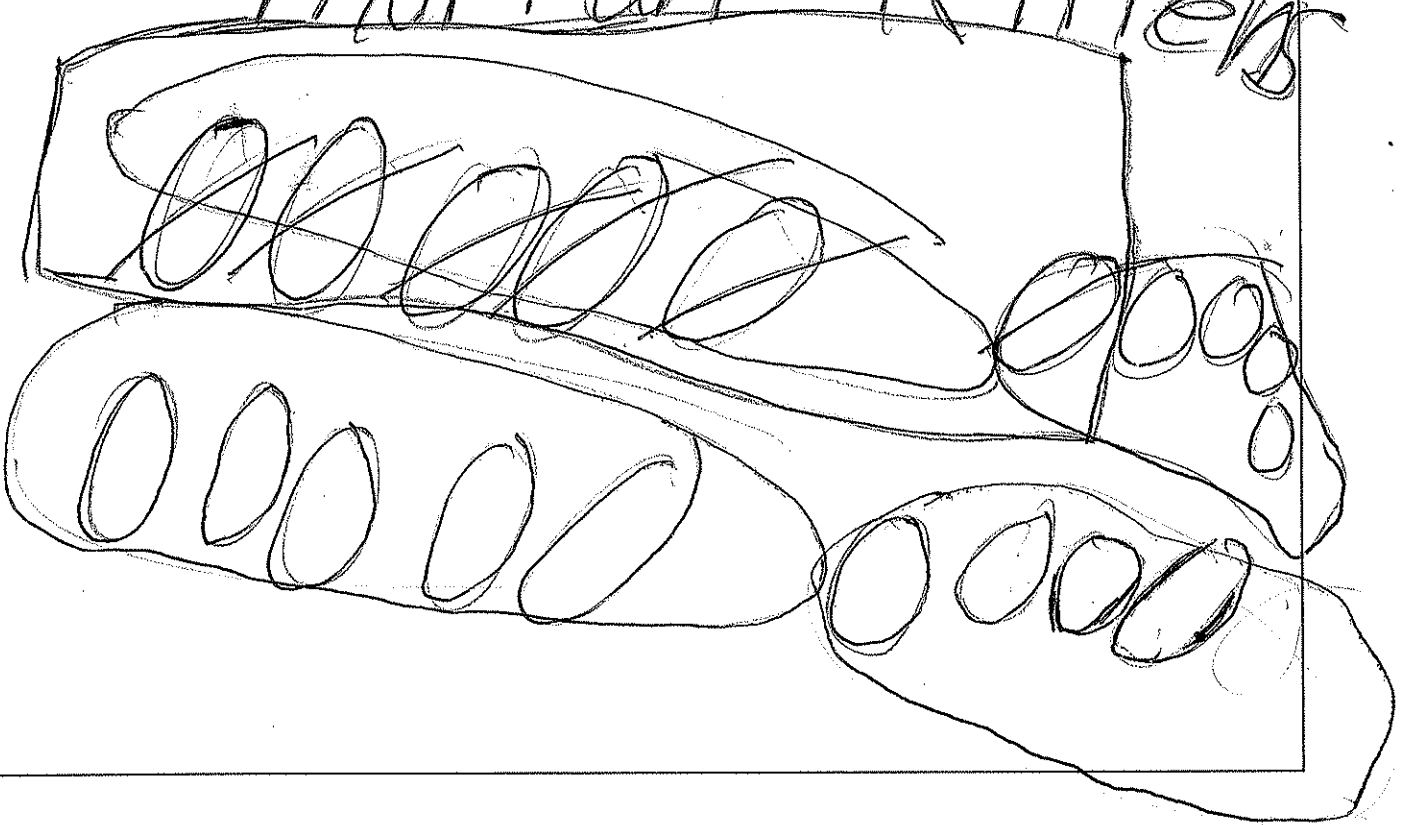
Mariah's cat had 24 kittens. Mariah kept  $\frac{1}{4}$  of the kittens. How many kittens does Mariah have?

Answer: 6 kittens

Explain how you found the number of kittens that Mariah has. Show your thinking in pictures, numbers **and/or** words.

$$24 \div 4 = 6$$

mariah kittens



B

Name \_\_\_\_\_

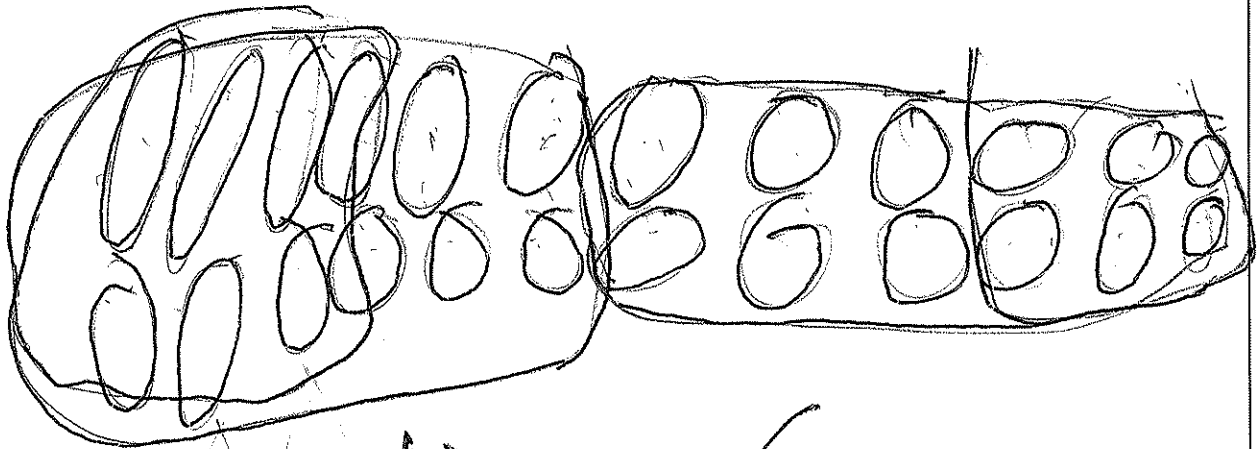
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Answer: 6 kittens

Explain how you found the number of kittens that Mariah has. Show your thinking in pictures, numbers **and/or** words.



1/4 of 24 is 6

half of 24 is 12 half  
of 12 is 6



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**Solve the problem below. Show your work in the box.**

Mariah's cat had 24 kittens. Mariah kept  $\frac{1}{4}$  of the kittens. How many kittens does Mariah have?

Answer: 4 kittens

Explain how you found the number of kittens that Mariah has. Show your thinking in pictures, numbers, and/or words.

Evry 0 stands for 1 cat.

	<p>Mariah only keped one fourth so you take one fourth from that side</p>
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Mariah's cat had 24 kittens. Mariah kept  $\frac{1}{4}$  of the kittens. How many kittens does Mariah have?

Answer: SIX

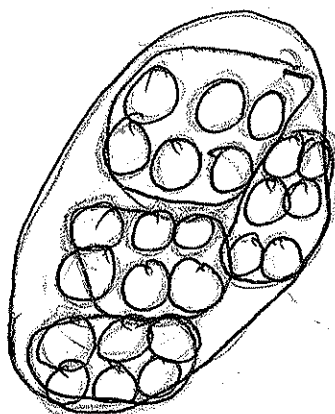
Explain how you found the number of kittens that Mariah has. Show your thinking in pictures, numbers, and/or words.

The diagram shows a large rectangle divided into four smaller rectangles. The top rectangle contains 6 kittens. The bottom-left rectangle contains 18 kittens. The bottom-middle rectangle contains 6 kittens. The bottom-right rectangle contains 6 kittens. This visualizes the process of dividing 24 kittens into 4 groups of 6, where 1 group is kept and 3 groups are given away.

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**Grade 3 - Benchmark 1**  
**Constructed Response****Solve the problem below. Show your work in the box.**Mariah's cat had 24 kittens. Mariah kept  $\frac{1}{4}$  of the kittens. How many kittens does Mariah have?Answer: 6Explain how you found the number of kittens that Mariah has. Show your thinking in pictures, numbers **and/or** words.

$$6 \quad 12 \quad 18 \quad 24$$
$$6 \times 4 = 24$$
$$\begin{array}{r} 24 \\ \div 6 \\ \hline 4 \end{array}$$



You could count or times or division.