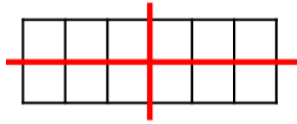


Finding a quarter

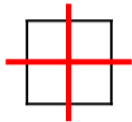
Green

Match the fractions to the correct answer. Shade $\frac{1}{4}$ of the shapes to help you.



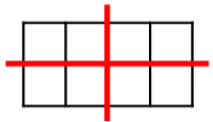
$\frac{1}{4}$ of 12 is

1



$\frac{1}{4}$ of 4 is

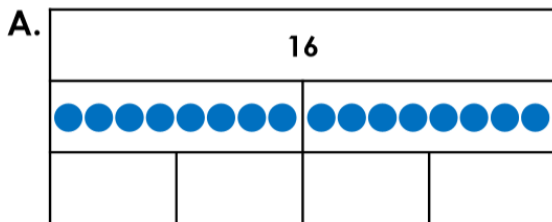
2



$\frac{1}{4}$ of 8 is

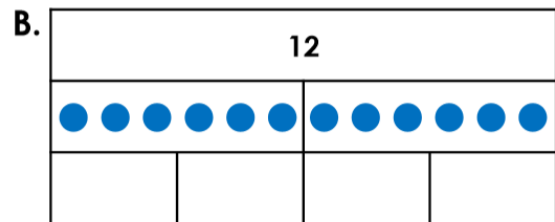
3

Complete the bar models and the corresponding statements.



$\frac{1}{2}$ of 16 is

$\frac{1}{4}$ of 16 is



$\frac{1}{2}$ of 12 is

$\frac{1}{4}$ of 12 is

Kiri followed the instructions below to decorate a birthday cake. Which cake did she make? Explain your answer.

You will need:

1. Number of candles:



$\frac{1}{4}$ of 16

2. Number of cherries:



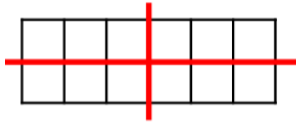
$\frac{1}{4}$ of 12



Finding a quarter

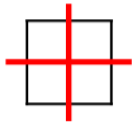
Green

$$\frac{1}{4} \text{ of } 12 = 3; \quad \frac{1}{4} \text{ of } 4 = 1; \quad \frac{1}{4} \text{ of } 8 = 2$$



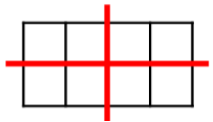
$\frac{1}{4}$ of 12 is

1



$\frac{1}{4}$ of 4 is

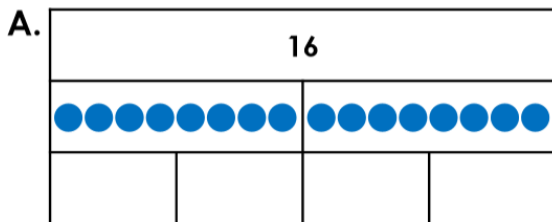
2



$\frac{1}{4}$ of 8 is

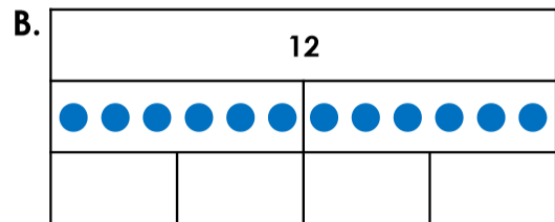
3

$$\text{A. } \frac{1}{4} \text{ of } 16 \text{ is } 8; \quad \frac{1}{4} \text{ of } 16 \text{ is } 4; \quad \text{B. } \frac{1}{4} \text{ of } 12 \text{ is } 6; \quad \frac{1}{4} \text{ of } 12 \text{ is } 3$$



$\frac{1}{2}$ of 16 is

$\frac{1}{4}$ of 16 is



$\frac{1}{2}$ of 12 is

$\frac{1}{4}$ of 12 is

Kiri decorated cake B because one quarter of 16 candles is 4 candles and one quarter of 12 cherries is 3 cherries.

You will need:

1. Number of candles:



$\frac{1}{4}$ of 16

2. Number of cherries: $\frac{1}{4}$ of 12



A.



B.



Finding a quarter

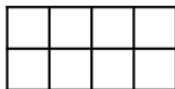
Yellow

Match the fractions to the correct answer. Shade $\frac{1}{4}$ of the shapes to help you.



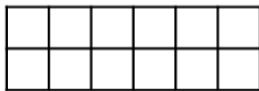
$\frac{1}{4}$ of 16 is

3



$\frac{1}{4}$ of 8 is

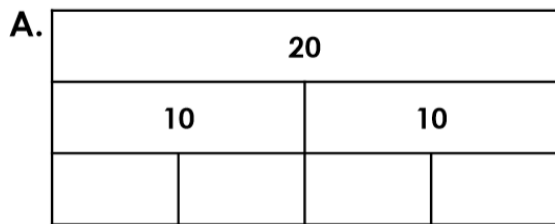
2



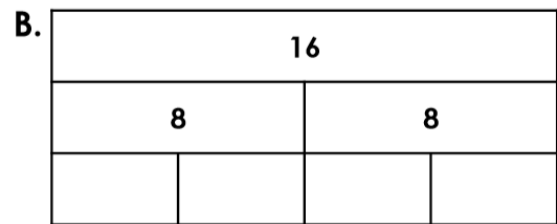
$\frac{1}{4}$ of 12 is

4

Complete the bar models and the corresponding statements.



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of 20 is



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of 16 is

Tom followed the instructions below to decorate a birthday cake. Which cake did he make? Explain your answer.

You will need:

1. Number of candles: $\frac{1}{4}$ of 20



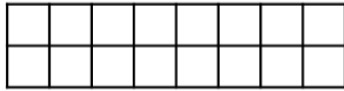
2. Number of stars: $\frac{1}{4}$ of 16



Finding a quarter

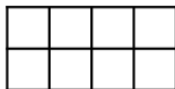
Yellow

$\frac{1}{4}$ of 16 = 4; $\frac{1}{4}$ of 8 = 2; $\frac{1}{4}$ of 12 = 3



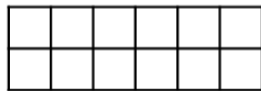
$\frac{1}{4}$ of 16 is

3



$\frac{1}{4}$ of 8 is

2



$\frac{1}{4}$ of 12 is

4

A. $\frac{1}{4}$ of 20 is 10; $\frac{1}{4}$ of 20 is 5; B. $\frac{1}{4}$ of 16 is 8; $\frac{1}{4}$ of 16 is 4

A.

20			
10		10	

B.

16			
8		8	

$\frac{1}{2}$ of is
 $\frac{1}{4}$ of 20 is

$\frac{1}{2}$ of is
 $\frac{1}{4}$ of 16 is

Tom decorated cake A because one quarter of 20 candles is 5 candles and one quarter of 16 stars is 4 stars.

You will need:

1. Number of candles: $\frac{1}{4}$ of 20



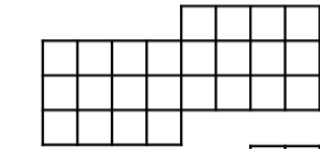
2. Number of stars: $\frac{1}{4}$ of 16



Finding a quarter

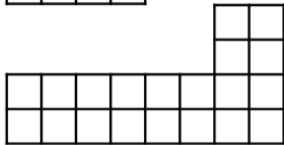
Red

Fill in the blanks and match the fractions to the correct answer. Shade $\frac{1}{4}$ of the shapes to help you.



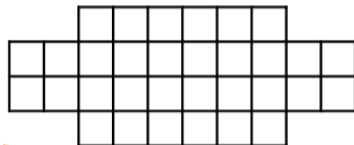
$\frac{1}{4}$ of 24 is

8



$\frac{1}{4}$ of ___ is

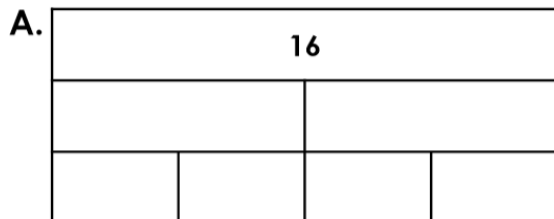
—



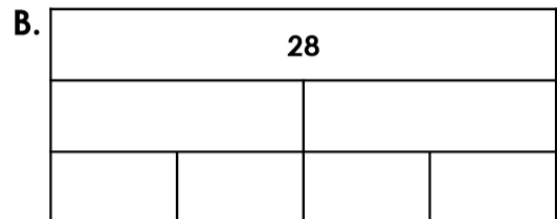
$\frac{1}{4}$ of 32 is

5

Complete the bar models and the corresponding statements.



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of is



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of is

Kathryn followed the instructions below to decorate a birthday cake. Which cake did she make?

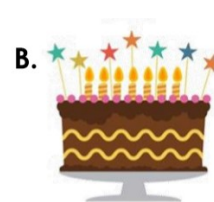
Explain your answer.

You will need:

1. Number of candles: $\frac{1}{4}$ of 20

2. Number of stars: $\frac{1}{4}$ of 28

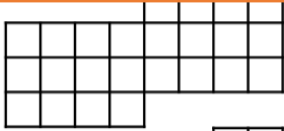
3. Number of layers: $\frac{1}{4}$ of 12



Finding a quarter

Red

$$\frac{1}{4} \text{ of } 24 = 6; \quad \frac{1}{4} \text{ of } 20 = 5; \quad \frac{1}{4} \text{ of } 32 = 8$$



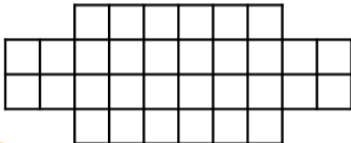
$\frac{1}{4}$ of 24 is

8



$\frac{1}{4}$ of ___ is

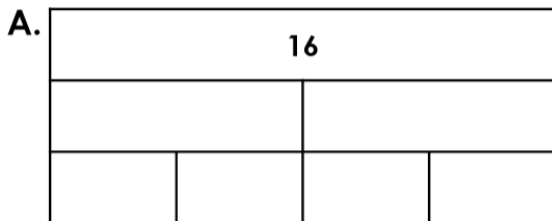
—



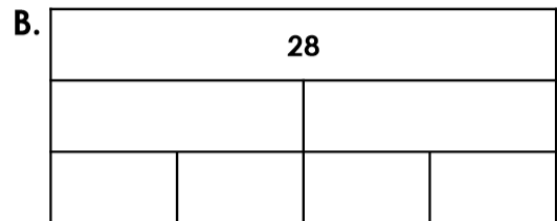
$\frac{1}{4}$ of 32 is

5

A. $\frac{1}{4}$ of 16 is 8; $\frac{1}{4}$ of 16 is 4; B. $\frac{1}{4}$ of 28 is 14; $\frac{1}{4}$ of 28 is 7



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of is



$\frac{1}{2}$ of is
 $\frac{1}{4}$ of is

Kathryn decorated cake C because one quarter of 20 candles is 5 candles, one quarter of 28 stars is 7 stars and one quarter of 12 layers is 3 layers.

You will need:

1. Number of candles: $\frac{1}{4}$ of 20
2. Number of stars: $\frac{1}{4}$ of 28
3. Number of layers: $\frac{1}{4}$ of 12

