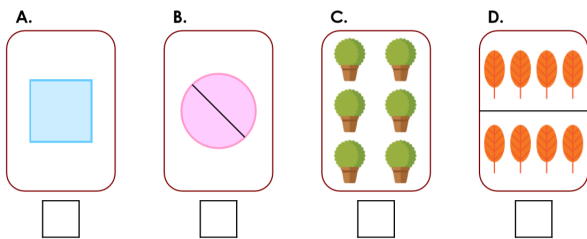
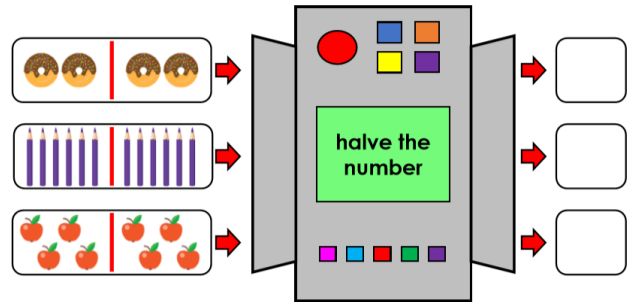


Fractions Green

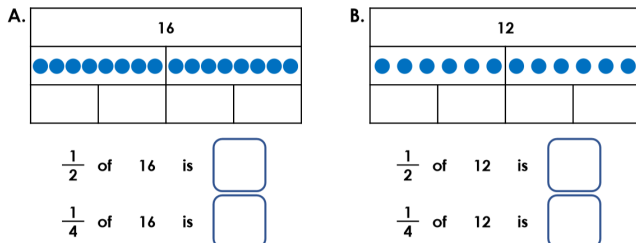
How many equal parts do the representations below have?



Complete the missing numbers:

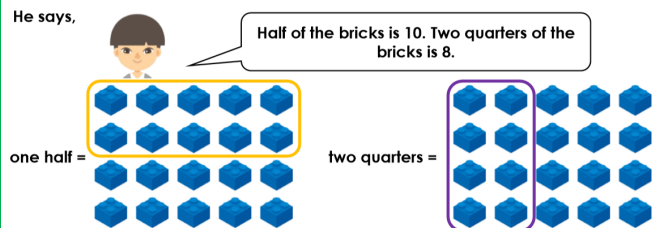


Complete the bar models and the corresponding statements.

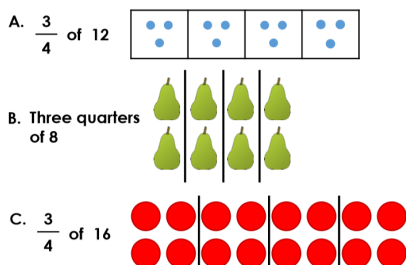


Ben is finding one half and two quarters by grouping the bricks below.

Find and explain the mistake that Ben has made.



Match the statements to the correct answer.



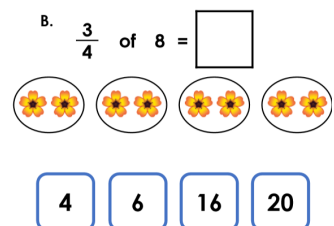
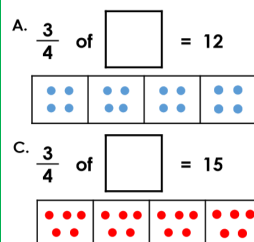
12

9

6

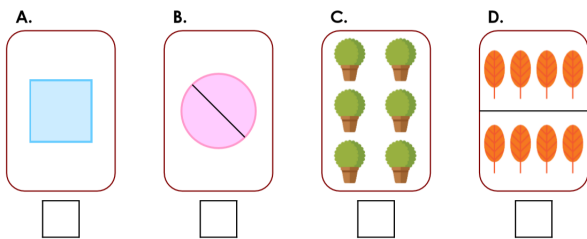
Use the digit cards to complete the statements.

Use the models to help you.

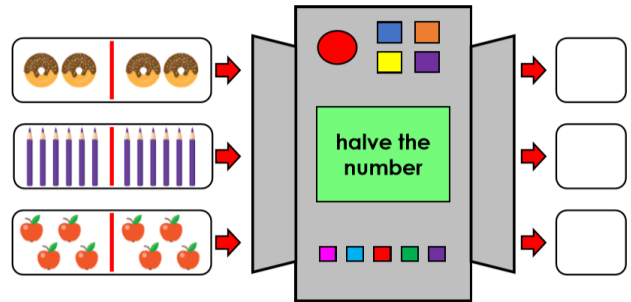


Fractions Green

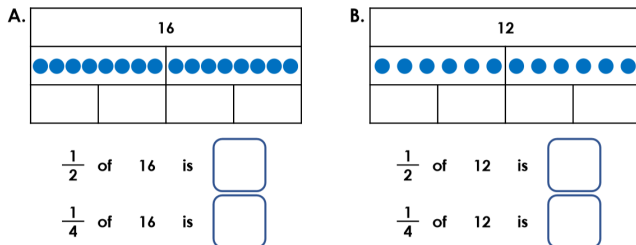
$$A = 1; B = 2; C = 1; D = 2$$



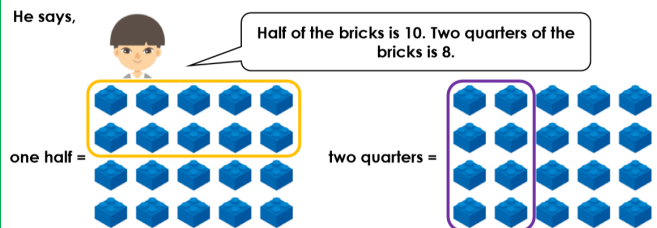
$$4 = 2; 12 = 6; 8 = 4$$



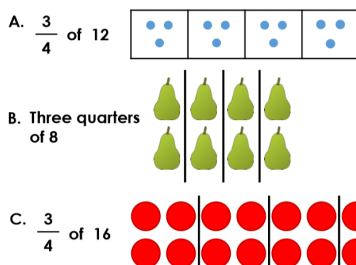
A. $\frac{1}{2}$ of 16 is 8; $\frac{1}{4}$ of 16 is 4;
B. $\frac{1}{2}$ of 12 is 6; $\frac{1}{4}$ of 12 is 3



Ben has correctly found half of the bricks but has incorrectly circled two quarters. He has circled two columns of bricks but he should have circled two rows.

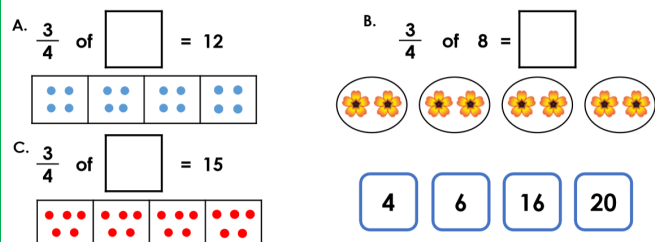


$$A = 9; B = 6; C = 12$$



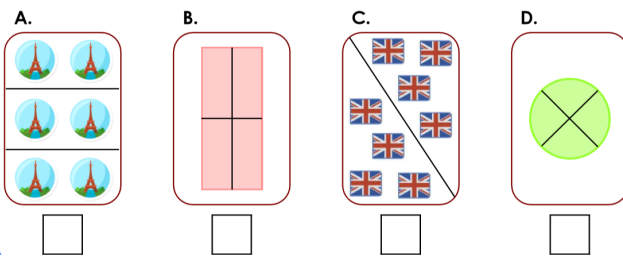
12
9
6

$$A = 16; B = 6; C = 20$$

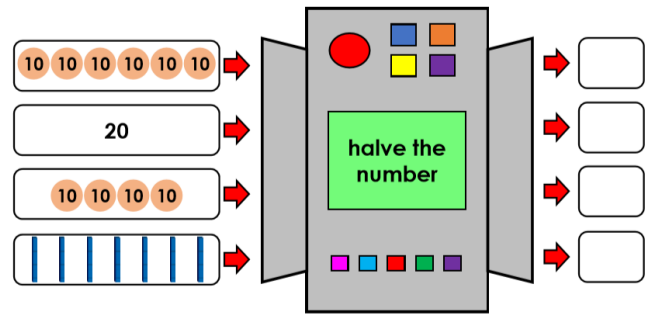


Fractions Yellow

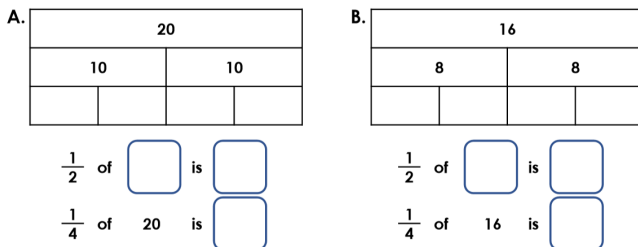
How many equal parts do the representations below have?



Complete the missing numbers:

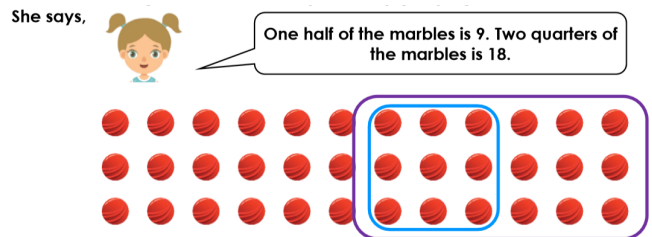


Complete the bar models and the corresponding statements.

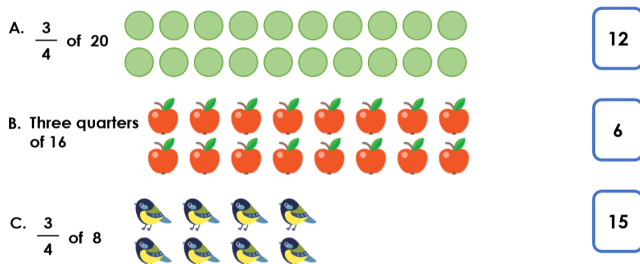


Annie is finding one half and two quarters by grouping the marbles below.

Find and explain the mistake that Annie has made.

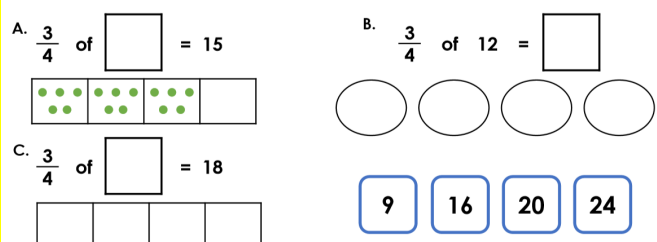


Match the statements to the correct answer.



Use the digit cards to complete the statements.

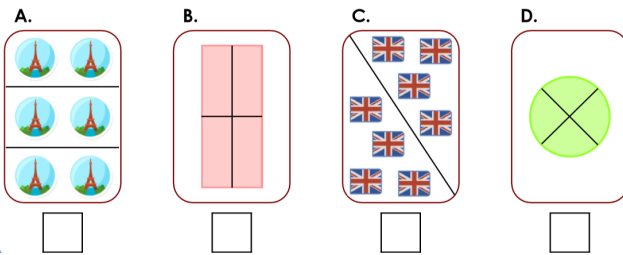
Use the models to help you.



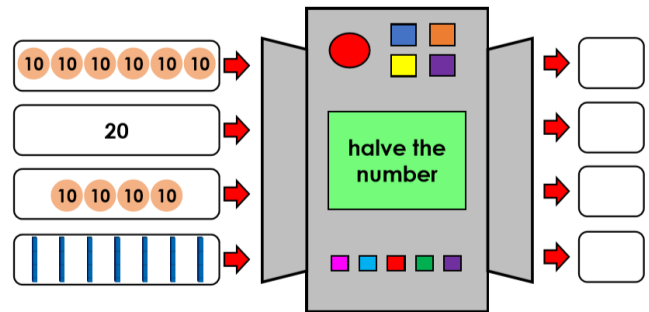
Fractions

Yellow

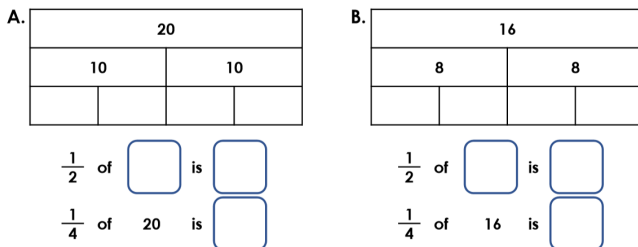
A = 3; B = 4; C = 2; D = 4



60 = 30; 20 = 10; 40 = 20; 70 = 35



A. $\frac{1}{2}$ of 20 is 10; $\frac{1}{4}$ of 20 is 5;
B. $\frac{1}{2}$ of 16 is 8; $\frac{1}{4}$ of 16 is 4

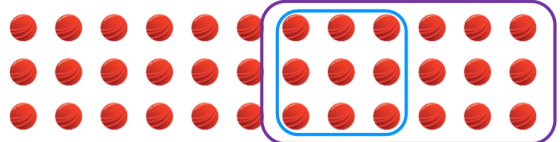


Annie has found two quarters of the marbles correctly because there are 36 in total. She has then found half of the two quarters and not the whole amount. Half is also 18 not 9.

She says,



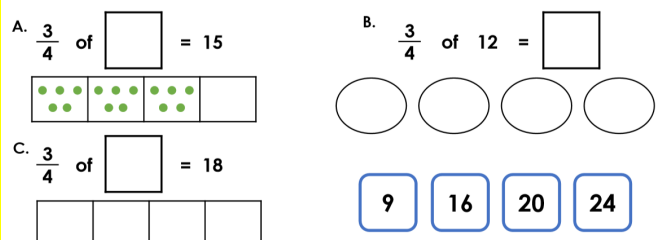
One half of the marbles is 9. Two quarters of the marbles is 18.



A = 15; B = 12; C = 6

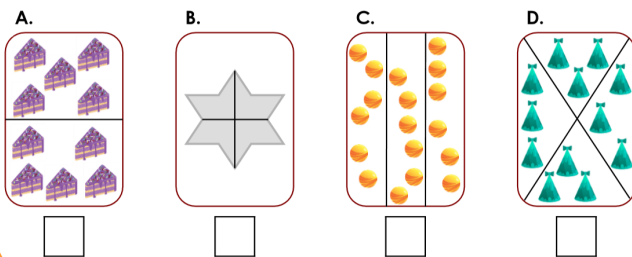


A = 20; B = 9; C = 24

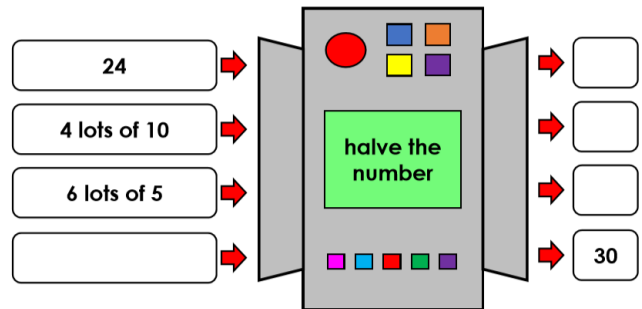


Fractions Red

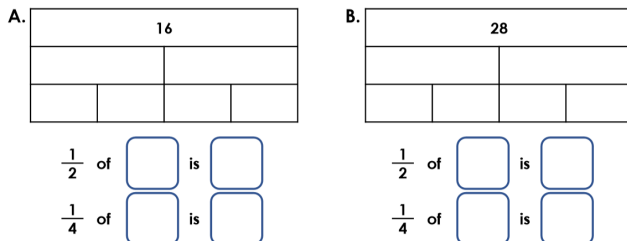
How many equal parts do the representations below have?



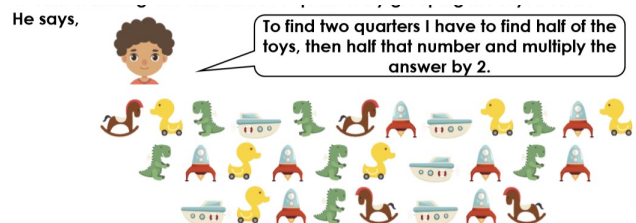
Complete the missing numbers:



Complete the bar models and the corresponding statements.



Chris is finding one half and two quarters by grouping the toys below. Is this the most efficient way to find two quarters? Explain your answer.



Match the statements to the correct answer.

- A. Billy bought 6 oranges and 14 pears from the shop. Find $\frac{3}{4}$ of the fruit.
- B. Sara chose 19 daffodils and 5 tulips from the flower shop. Find three quarters of the flowers.
- C. Tim chose 9 green apples and Cara chose 7 red apples. Find $\frac{3}{4}$ of the total number of apples.

18

15

12

Use the digit cards to complete the statements.

A. $\frac{3}{4}$ of = 15

B. $\frac{3}{4}$ of 16 =

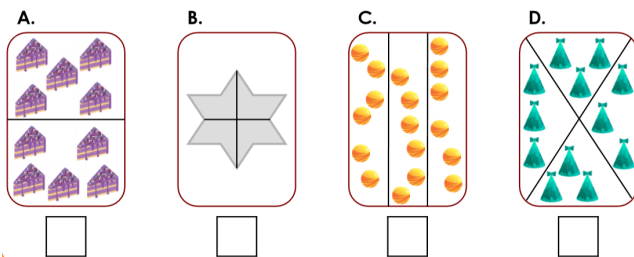
C. $\frac{3}{4}$ of = 21

D. $\frac{3}{4}$ of = 18

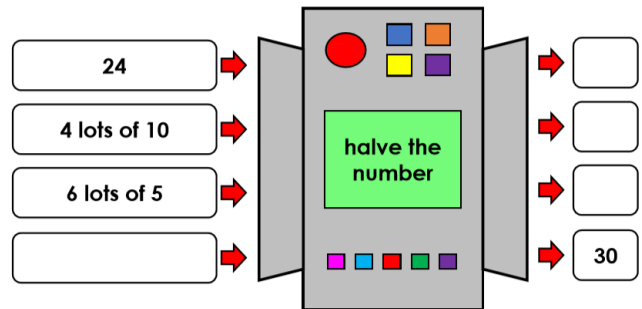
8 28 12 20 24

Fractions Red

$A = 2; B = 4; C = 3; D = 4$



$24 = 12; 40 = 20; 30 = 15; 60 = 30$



A. $\frac{1}{2}$ of 16 is 8; $\frac{1}{4}$ of 16 is 4; B. $\frac{1}{2}$ of 28 is 14; $\frac{1}{4}$ of 28 is 7

A.

16			

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

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

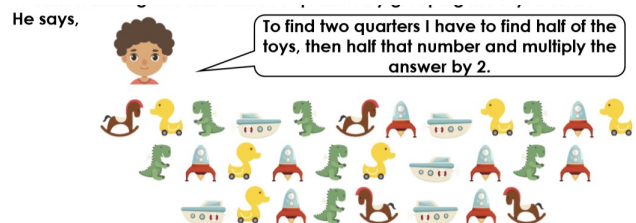
B.

28			

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

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

Chris has found a method that will get the right answer but it is not efficient. As half and two quarters are equivalent, once he has halved the toys he already has the answer for half. He does not need to half this and multiply by 2.



$A = 15; B = 18; C = 12$

- A. Billy bought 6 oranges and 14 pears from the shop. Find $\frac{3}{4}$ of the fruit. 18
- B. Sara chose 19 daffodils and 5 tulips from the flower shop. Find three quarters of the flowers. 15
- C. Tim chose 9 green apples and Cara chose 7 red apples. Find of the total number of apples. $\frac{3}{4}$ 12

$A = 20; B = 12; C = 28; D = 24$

A. $\frac{3}{4}$ of = 15

B. $\frac{3}{4}$ of 16 =

C. $\frac{3}{4}$ of = 21

D. $\frac{3}{4}$ of = 18

8 28 12 20 24