

Arithmetic

1. $10 - 0$

2. $9 + 4$

3. Half of 6

4. One less than 20

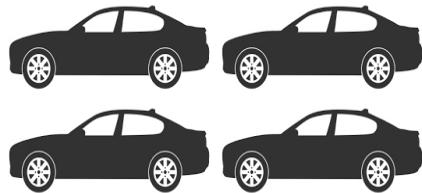


Practice: Find a Half (2)

5. Complete the sentences.

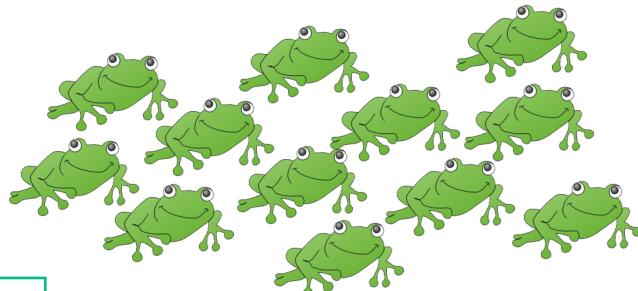


There are cupcakes.
Half of is



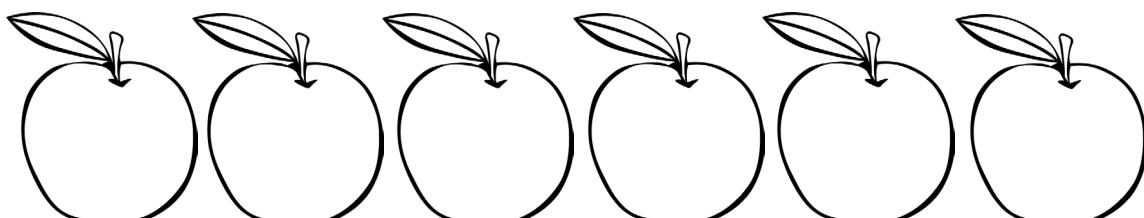
There are cars.
Half of is

6. Find half of the frogs.



There are frogs.
Half of is

7. Colour half the group.



You might want
to talk to an adult



Use resources
to help you



Spot the mistake

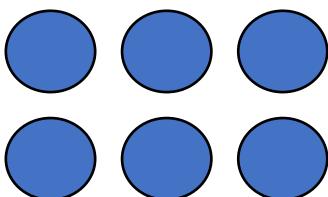
8. Complete the sentences.

Half of is 4.

9 is half of

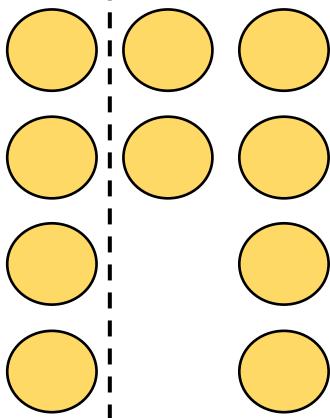
10 is half of

9. Explain how to find half of the counters.

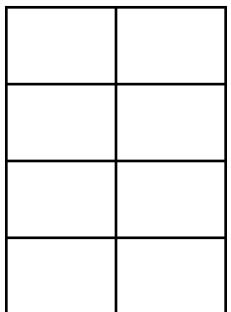
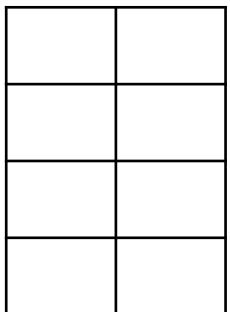
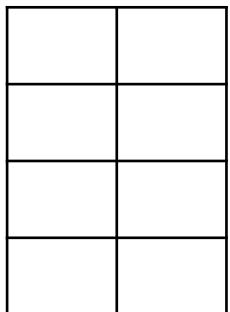
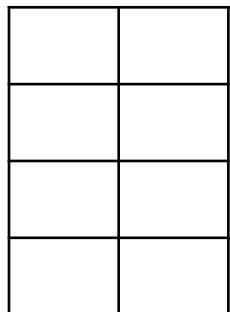
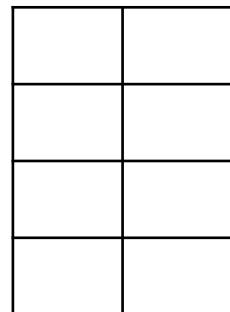


10. Otto says half of 10 is 6 or 4.

Explain why Otto is or isn't right.



11. How many different ways can you show half on the rectangles?



Answers

Q no.	Question	Answer
1	$10 - 0$	10
2	$9 + 4$	13
3	Half of 6	3
4	One less than 20	19
5	Complete the sentences.	8, 8, 4 4, 4, 2
6	Find half of the frogs.	12, 12, 6
7	Colour half the group.	Any 3 apples coloured (or half of each apple)
8	Complete the sentences.	8, 18, 20
9	Explain how to find half of the counters.	Pupils should focus on the process, not necessarily the answer to this question. They should start by identifying that there are six counters. Most pupils will then describe sharing the counters equally into two. The answer is three.
10	Explain why Otto is or isn't right.	Otto is not correct. Half of ten cannot have two possible answers (like Otto has stated). Pupils should be able to see that Otto has not split the counters in two equal groups, instead he has unequal groups. Otto could move one of the counters from the group of 6 to the group of 4 making 5 counters in each group.
11	How many different ways can you show half on the rectangles?	Accept any answers where four squares are coloured in. Encourage pupils to colour different patterns of four squares each time.