



TIMO practice: Sharing to make it equal (with solutions)

12 problems · Grade 1, 2, 3 · answers and solutions at the end

Name _____

Date _____



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit playkarotto.com

Grade 1

- 1 At first, the puppy has 19 apples and the frog has 1 apple. How many apples must the puppy give the frog so they both have the same number of apples?



Answer: _____

- 2 At first, the bear cub has 20 carrots and the fox has 8 carrots. How many carrots must the bear cub give the fox so they both have the same number of carrots?



Answer: _____

- 3 At first, the frog has 18 carrots and the bear cub has 14 carrots. How many carrots must the frog give the bear cub so they both have the same number of carrots?



Answer: _____

- 4 At first, the piglet has 10 strawberries and the puppy has 8 strawberries. How many strawberries must the piglet give the puppy so they both have the same number of strawberries?



Answer: _____

Grade 2

- 5 At first, the bunny has 64 eggs and the kitten has 34 eggs. How many eggs must the bunny give the kitten so they both have the same number of eggs?



Answer: _____

- 6 If the fox gives the frog 13 flowers, they both have the same number of flowers. At first, how many more flowers did the fox have than the frog?



Answer: _____

- 7 After the bunny gives the chick 23 apples, they each have 36 apples. How many apples did the bunny have at first?



Answer: _____

- 8 After the bear cub gives the frog 13 apples, they each have 32 apples. How many apples did the bear cub have at first?



Answer: _____

Grade 3

- 9 If the puppy gives the chick 27 fish, they both have the same number of fish. At first, how many more fish did the puppy have than the chick?



Answer: _____

- 10 After the piglet gives the bunny 10 mushrooms, they each have 58 mushrooms. How many mushrooms did the piglet have at first?



Answer: _____

- 11 At first, the frog has 81 eggs and the piglet has 13 eggs. How many eggs must the frog give the piglet so they both have the same number of eggs?



Answer: _____

12 After the bunny gives the fox 6 fish, they each have 59 fish. How many fish did the bunny have at first?



Answer: _____

Answers and solutions: Sharing to make it equal

1. Answer: 9 · Grade 1

How to think: First: how many more apples does the puppy have than the frog?

Solution: The extra is 18 apples. Give your friend half: half of 18 is 9. Then each friend has 10 apples.

2. Answer: 6 · Grade 1

How to think: First: how many more carrots does the bear cub have than the fox?

Solution: The extra is 12 carrots. Give your friend half: half of 12 is 6. Then each friend has 14 carrots.

3. Answer: 2 · Grade 1

How to think: First: how many more carrots does the frog have than the bear cub?

Solution: The extra is 4 carrots. Give your friend half: half of 4 is 2. Then each friend has 16 carrots.

4. Answer: 1 · Grade 1

How to think: First: how many more strawberries does the piglet have than the puppy?

Solution: The extra is 2 strawberries. Give your friend half: half of 2 is 1. Then each friend has 9 strawberries.

5. Answer: 15 · Grade 2

How to think: First: how many more eggs does the bunny have than the kitten?

Solution: The extra is 30 eggs. Give your friend half: half of 30 is 15. Then each friend has 49 eggs.

6. Answer: 26 · Grade 2

How to think: Giving away 13 means the fox has 13 fewer and the frog has 13 more.

Solution: When the fox has 13 fewer and the frog has 13 more, they are equal. So at first, the fox had this many more than the frog: 13 plus 13 equals 26.

7. Answer: 59 · Grade 2

How to think: Work backwards: before giving, did the bunny have more or less than now?

Solution: At first, the bunny had 36 plus 23 equals 59 apples.

8. Answer: 45 · Grade 2

How to think: Work backwards: before giving, did the bear cub have more or less than now?

Solution: At first, the bear cub had 32 plus 13 equals 45 apples.

9. Answer: 54 · Grade 3

How to think: Giving away 27 means the puppy has 27 fewer and the chick has 27 more.

Solution: When the puppy has 27 fewer and the chick has 27 more, they are equal. So at first, the puppy had this many more than the chick: 27 plus 27 equals 54.

10. Answer: 68 · Grade 3

How to think: Work backwards: before giving, did the piglet have more or less than now?

Solution: At first, the piglet had 58 plus 10 equals 68 mushrooms.

11. Answer: 34 · Grade 3

How to think: First: how many more eggs does the frog have than the piglet?

Solution: The extra is 68 eggs. Give your friend half: half of 68 is 34. Then each friend has 47 eggs.

12. Answer: 65 · Grade 3

How to think: Work backwards: before giving, did the bunny have more or less than now?

Solution: At first, the bunny had 59 plus 6 equals 65 fish.
