

Y1 Halves Quarters

KS1 Y1 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Find half of 8

Step 1 · Half means splitting into 2 equal groups

8 objects into 2 equal groups

Step 2 · Share them out one at a time between the 2 groups

4 and 4

Answer: Half of 8 is 4

Check: $4 + 4 = 8$, so it's a fair share ✓

2. Now try one with the steps

Is a sandwich cut into one big piece and one small piece cut in half?

Step 1 · Halves must be equal: the same size

Step 2 · So the pieces are not halves

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. What is half of 6?

2. What is half of 10?

3. If you cut a cake into 4 equal pieces, what do we call one piece?

4. How many halves make a whole?

5. How many quarters make a whole?

6. What is half of 4?

7. What is a quarter of 8?

8. What is half of 14?

9. A shape is cut into 2 pieces that are different sizes. Are the pieces halves? Answer yes or no.

10. Which is bigger: half of a pizza or a quarter of the same pizza?

11. Share 16 sweets equally between 4 friends. How many does each friend get?

12. What is half of 20?

13. Half of a number is 6. What is the number?

14. A quarter of a bag of 20 apples is eaten. How many apples are eaten?

4. Before you hand it in

Cutting a shape into unequal pieces and still calling them halves.

Check the pieces are the same size before calling them halves or quarters.

Thinking a quarter is bigger than a half because 4 is bigger than 2.

Picture a pizza: cutting it into more pieces makes each slice smaller.

Thinking any 4 pieces are quarters, even if they are different sizes.

Check: are all four pieces the same size? Only then are they quarters.

Finding half of a number by taking away 2 (half of 10 is 8).

Share the objects into 2 groups one at a time and count one group.