Fractions of shapes, objects and measures

6 practice questions

1. Find one half of 12 buttons.

Two equal groups of 6 make 12.

Answer: 6 buttons.

2. Find one quarter of 16 beads.

Four equal groups of 4 make 16.

Answer: 4 beads.

3. Find one eighth of 8 blocks.

Eight equal groups contain one block each.

Answer: 1 block.

4. A 12 cm strip is cut into four equal parts. How long is each part?

$3 + 3 + 3 + 3 = 12$ cm.

Answer: 3 cm.

5. Name the shaded fraction of this whole rectangle.



One of the four equal parts is shaded.

Answer: One quarter.

6. Nia has 16 counters. Half are red. How many are red, and how many are not red?

A half is one of two equal shares; $8 + 8 = 16$.

Answer: 8 red and 8 not red.