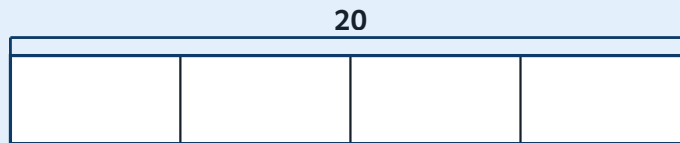


ONE QUARTER OF 12 COUNTERS

- 1 Start with 12 counters to share fairly among family.
- 2 Make 4 equal groups because the bottom number of one quarter is 4.
- 3 Share the counters so each group gets the same amount with none left over.
- 4 Count the counters in just one group: there are 3.
- 5 So one quarter of 12 is 3.

WARM-UP

Use the blank bar models to show equal shares for each fraction.



1. Draw bars to show one half of 10
2. Draw bars to show one quarter of 8
3. Draw bars to show one third of 36

PRACTICE

- 1 Two friends in a family share 6 stickers equally. What is one half of 6?
- 2 Four cousins share 8 sweets completely fairly. What is one quarter of 8?
- 3 A brother and sister share 10 grapes so each gets the same. What is one half of 10?
- 4 Three friends share 9 marbles equally with none left over. What is one third of 9?

SPOT THE MISTAKE

Cian works out one quarter of 12 like this:

One quarter means take away 4.
 $12 - 4 = 8$
 So one quarter of 12 is 8.

Cian is wrong. How do you find one quarter of 12? What is the correct answer?

IRISH FACT A quarter of the class

In a class of 28 pupils, one quarter is 7 — because 28 shared into 4 equal groups gives 7 each.

Typical Irish 3rd-class size



REFLECT

Does finding a fraction of a number feel more like sharing or like grouping?