

THREE QUARTERS OF 20

- 1 Share 20 into 4 equal parts: $20 \div 4 = 5$.
- 2 One quarter of 20 is 5.
- 3 Three quarters means 3 of those parts: $5 + 5 + 5 = 15$.

20			
5	5	5	5

WARM-UP

Shade each fraction strip to show the non-unit fraction of the food quantity.



12 buns



9 oranges



20 apples

1. On a strip of 12 buns, shade three quarters of 12.
2. On a strip of 9 oranges, shade two thirds of 9.
3. On a strip of 20 apples, shade three fifths of 20.

PRACTICE

- 1 A tray holds 12 buns. Ravi buys three quarters of the buns. How many buns does he buy?
- 2 There are 9 oranges in a bag. Mia eats two thirds of them. How many oranges is that?
- 3 A shelf has 8 tins of beans. Tom takes three quarters of the tins to the till. How many tins is that?
- 4 A box has 20 apples. The shopkeeper sells three fifths of them before lunch. How many apples were sold?
- 5 A basket holds 15 lemons. Nan uses two thirds of the lemons to make a cake. How many lemons does she use?

SPOT THE MISTAKE

Sean works out three quarters of 20 like this:

$$1/4 \text{ of } 20 = 5$$

$$3/4 \text{ of } 20 = 5 + 3 = 8$$

Sean made a mistake after finding one quarter. What is the correct answer?

REFLECT

Do you find one equal part first, then build up — and when does that feel easiest?