

FINDING 3/4 OF 24 SWEETS

- 1 Divide 24 by the bottom number 4 to find one part: 24 divided by 4 equals 6.
- 2 Multiply by the top number 3: 3 times 6 equals 18.
- 3 So $\frac{3}{4}$ of 24 is 18 sweets.

 WARM-UP

Draw blank bar models and mark the splits for each fraction.

1. Split a bar of 20 into 4 equal parts then shade 3 parts.
2. Split a bar of 30 into 3 equal parts then shade 2 parts.
3. Split a bar of 48 into 6 equal parts then shade 5 parts.

 PRACTICE

- 1 A shop has **20** apples. A customer buys **$\frac{3}{4}$** of them. How many apples does the customer buy?
- 2 A voucher is worth **30 euro** . You spend **$\frac{2}{3}$** of it on food. How many euro do you spend?
- 3 A recipe needs **48 minutes** . You cook for **$\frac{5}{6}$** of that time. How many minutes do you cook?
- 4 A box has **35** biscuits. You share **$\frac{2}{5}$** of them. How many biscuits do you share?
- 5 A shelf has **40** books. You buy **$\frac{4}{5}$** of them. How many books do you buy?

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. To find $\frac{3}{4}$ of 20 you must first divide 20 by 4.
- b. Finding $\frac{3}{4}$ of an amount gives an answer bigger than the amount.
- c. You divide by the bottom number before multiplying by the top number.
- d. Finding $\frac{2}{5}$ of 35 gives the same answer as finding $\frac{3}{5}$ of 35.