

Finding a unit fraction of a quantity

MODULE 3 · FRACTIONS AND FIRST DECIMALS NUMBER

HOW TO ANSWER TODAY

- **Fraction of a quantity.** Divide the quantity by the bottom number (denominator). Multiply by the top number (numerator).

$$3/5 \text{ of } 20 \rightarrow 20 \div 5 = 4, \times 3 = 12$$

STRETCH PROBLEMS

- 1 **96** pupils take part in a Cumann na mBunscol Gaelic football blitz at the county grounds. **$3/8$** of them play in defence. How many pupils play in defence?
What is $3/8$ of 96?
- 2 For the 4th class picnic, Aoife's group makes **192** sandwiches in total. They wrap **$5/8$** of them in tinfoil to keep them fresh. How many sandwiches do they wrap?
What is $5/8$ of 192?
- 3 Granny bakes **33** buns for the cousins coming to Sunday dinner. The cousins eat **$2/3$** of the buns before the meal. How many buns do they eat?
What is $2/3$ of 33?
- 4 The local club hurling team scored **30** points across their matches this season. Tadhg worked out that **$5/6$** of those points came from play. How many points came from play?
What is $5/6$ of 30?
- 5 The class library has **132** books on its shelves. During Seachtain na Gaeilge, **$7/12$** of the books are borrowed by 3rd and 4th class. How many books are borrowed?
What is $7/12$ of 132?

INVESTIGATE

Fraction feast for the class

A school bake sale has 24 plain scones and 36 fruit scones. Work out **one half**, **one third** and **three quarters** of each tray. If your class eats two thirds of the plain and three quarters of the fruit, how many of each are left? Show how you found each amount.



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

