

FIND $\frac{3}{8}$ OF 64

- 1 Split the whole into 8 equal parts: $64 \div 8 = 8$ in each part.
- 2 Keep 3 of those parts: $8 \times 3 = 24$.

WARM-UP

Shade the fraction strips to show each fraction of the quantity.

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$\frac{1}{4}$ of 20 = ____ (split 20 into 4 equal piles)

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$\frac{2}{3}$ of 18 = ____

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$\frac{3}{5}$ of 25 = ____

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$\frac{5}{8}$ of 40 = ____

1. Shade $\frac{1}{4}$ of the strip marked 28
2. Shade $\frac{3}{5}$ of the strip marked 45
3. Shade $\frac{2}{3}$ of the strip marked 24

PRACTICE

- 1 A GAA squad has **36** players and a quarter of them are goalkeepers-in-training. How many goalkeepers-in-training are there?
- 2 A fifth of the **30** pupils in the class went to watch the GAA match. How many pupils went?
- 3 The club shop has a **40 euro** voucher and a tenth of it is used to buy GAA socks. How many euro is that?
- 4 In the match $\frac{5}{6}$ of the **30** points scored came from frees. How many points came from frees?

? ALWAYS, SOMETIMES, NEVER

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

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| a. To find $\frac{1}{4}$ of 28 you first divide 28 by 4 <input type="text"/> | c. You multiply by the bottom number before you divide when finding a fraction of a quantity <input type="text"/> |
| b. $\frac{3}{8}$ of 64 is found by dividing 64 by 8 then multiplying by 3 <input type="text"/> | d. $\frac{7}{10}$ of 40 is larger than 40 itself <input type="text"/> |