

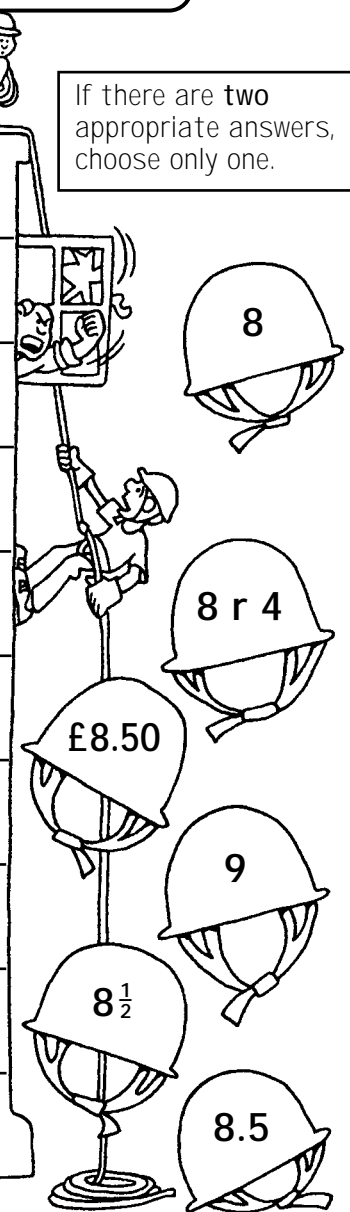
# Division decisions

**A**

Choose the most appropriate answer for each question.

If there are two appropriate answers, choose only one.

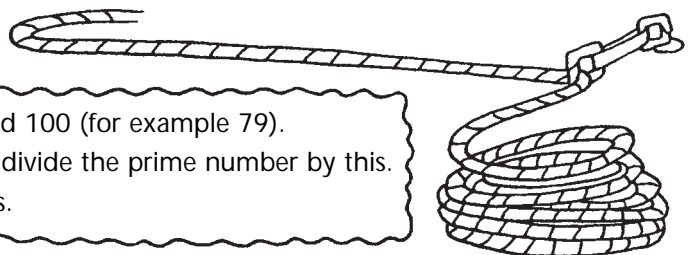
- (a) 68 people are split into teams of eight. How many teams are there and how many people are left over? 8 r 4
- (b) Mr Collins shares £42.50 equally between the five members of his family. How much does each person get? \_\_\_\_\_
- (c) I have 35 photos. I can fit four on a page in my album. How many pages will have photos on? \_\_\_\_\_
- (d) Three identical sacks of potatoes weigh a total of 25.5 kg. What is the mass in kilograms of each sack of potatoes? \_\_\_\_\_
- (e) A piece of string 68 cm long is cut into eight equal pieces. What is the length in centimetres of each piece? \_\_\_\_\_
- (f) A piece of string 68 cm long is cut into 8-cm long pieces. How many pieces of this length can be cut? \_\_\_\_\_
- (g) 34 children go on a school trip. If four children can fit in a car, how many cars are needed? \_\_\_\_\_
- (h) Lesley has £85 to spend on cinema tickets. She can buy ten, leaving no change. How much are the tickets? \_\_\_\_\_
- (i) Pete arranges 36 coins into four equal piles. How many are in each pile and how many are left over? \_\_\_\_\_
- (j) A doctor has to see 51 patients. If he can see six patients per hour, how many hours will it take him? \_\_\_\_\_



**B**

Follow these instructions five times.

- ☆ Write a prime number between 50 and 100 (for example 79).
- ☆ Choose a number between 3 and 9 and divide the prime number by this.
- ☆ Write your answer in three different ways.



$79 \div 4 = 19.75$  or  $19\frac{3}{4}$  or  $19 \text{ r } 3$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Remember that a **prime number** is a number with only two factors, itself and 1. The prime numbers between 50 and 100 are 53, 59, 61, 67, 71, 73, 79, 83, 89 and 97.