

## Finding a fraction of a quantity

Complete each of these statements:

- To work out  $\frac{1}{2}$  of something we divide it by ... e.g.  $\frac{1}{2}$  of 18 =
- To work out  $\frac{1}{3}$  of something we divide it by ... e.g.  $\frac{1}{3}$  of 15 =
- To work out  $\frac{1}{4}$  of something we divide it by ... e.g.  $\frac{1}{4}$  of 28 =
- To work out  $\frac{1}{5}$  of something we divide it by ... e.g.  $\frac{1}{5}$  of 30 =
  
- To work out  $\frac{1}{n}$  of something we divide it by ...

### Exercise A

1. Find  $\frac{1}{2}$  of 20.
2. Find  $\frac{1}{2}$  of 14.
3. Find  $\frac{1}{3}$  of 12.
4. Find  $\frac{1}{3}$  of 18.
5. Find  $\frac{1}{4}$  of 20.
6. Find  $\frac{1}{4}$  of 28.
7. Find  $\frac{1}{5}$  of 100.
8. Find  $\frac{1}{5}$  of 40.
9. Find  $\frac{1}{6}$  of 18.
10. Find  $\frac{1}{6}$  of 42.
11. Find  $\frac{1}{9}$  of 36.
12. Find  $\frac{1}{12}$  of 60.
13. Find  $\frac{1}{8}$  of 56.
14. Find  $\frac{1}{7}$  of 84.
15. Find  $\frac{1}{3}$  of 48.
16. Find  $\frac{1}{2}$  of 174.
17. Find  $\frac{1}{3}$  of 126.
18. Find  $\frac{1}{5}$  of 235.
19. Find  $\frac{1}{6}$  of 96.
20. Find  $\frac{1}{7}$  of 217.

Complete these statements:

- To work out  $\frac{2}{3}$  of something we divide it by ..... and then multiply the answer by ....
- To work out  $\frac{4}{5}$  of something we divide it by ..... and then multiply the answer by ....
- To work out  $\frac{3}{7}$  of something we divide it by ..... and then multiply the answer by ....
- To work out  $\frac{5}{8}$  of something we divide it by ..... and then multiply the answer by ....
- To work out  $\frac{m}{n}$  of something we divide it by ..... and then multiply the answer by ....

Exercise B

1. Find  $\frac{2}{3}$  of 18.

11. Find  $\frac{4}{7}$  of 42.

2. Find  $\frac{2}{3}$  of 60.

12. Find  $\frac{5}{8}$  of 72.

3. Find  $\frac{2}{5}$  of 40.

13. Find  $\frac{7}{9}$  of 108.

4. Find  $\frac{3}{4}$  of 20.

14. Find  $\frac{5}{11}$  of 66.

5. Find  $\frac{2}{7}$  of 35.

15. Find  $\frac{5}{12}$  of 84.

6. Find  $\frac{5}{6}$  of 24.

16. Find  $\frac{6}{7}$  of 63.

7. Find  $\frac{3}{8}$  of 32.

17. Find  $\frac{3}{8}$  of 56.

8. Find  $\frac{2}{9}$  of 54.

18. Find  $\frac{2}{13}$  of 39.

9. Find  $\frac{4}{5}$  of 60.

19. Find  $\frac{7}{25}$  of 100.

10. Find  $\frac{2}{3}$  of 90.

20. Find  $\frac{8}{15}$  of 240.