

## Double or quits

- 1 Double the numbers in squares and halve the numbers in circles. Can you find three pairs of answers with a difference of 100?

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 126 | 856 | 264 | 592 | 117 | 668 | 245 | 304 | 198 | 780 |
| 252 | 428 | 528 | 296 | 234 | 334 | 490 | 152 | 396 | 390 |

## Fraction matching

- 2 Match each fraction to its equivalent.

|               |                |               |               |                |
|---------------|----------------|---------------|---------------|----------------|
| $\frac{3}{6}$ | $\frac{4}{5}$  | $\frac{2}{3}$ | $\frac{2}{6}$ | $\frac{1}{4}$  |
| $\frac{6}{9}$ | $\frac{3}{12}$ | $\frac{1}{3}$ | $\frac{1}{2}$ | $\frac{8}{10}$ |

- 3 Continue these sequences.

|                |               |                |                |                |               |                |                |
|----------------|---------------|----------------|----------------|----------------|---------------|----------------|----------------|
| $\frac{1}{10}$ | $\frac{1}{5}$ | $\frac{3}{10}$ | $\frac{2}{5}$  | $\frac{1}{2}$  | $\frac{3}{5}$ | $\frac{7}{10}$ | $\frac{4}{5}$  |
| $\frac{1}{3}$  | $\frac{2}{3}$ | 1              | $1\frac{1}{3}$ | $1\frac{2}{3}$ | 2             | $2\frac{1}{3}$ | $2\frac{2}{3}$ |
| $\frac{1}{8}$  | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ | $\frac{7}{8}$  | 1              |



Write each fraction in its simplest form.

## Fraction challenge!

- 4 Can you find a pair of numbers to go in the boxes?

$$\frac{2}{3} \text{ of } \boxed{\phantom{00}} = \frac{3}{10} \text{ of } \boxed{\phantom{00}}$$



There are many possible answers, e.g. 9 and 20 or 18 and 40.