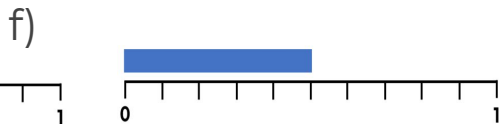
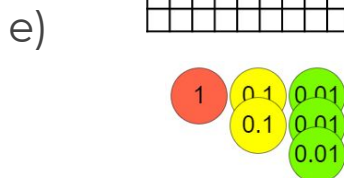
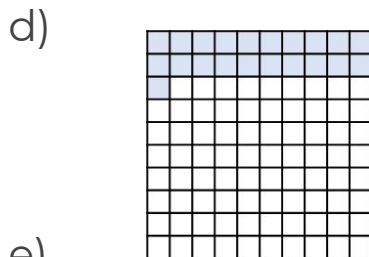
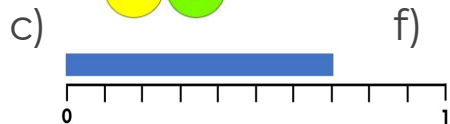
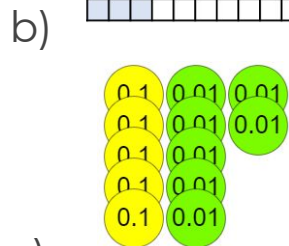
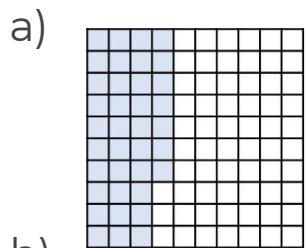


# Change percentages to fractions and decimals



# Change percentages to fractions and decimals

1. Write down the percentage shown by each diagram.



2. Complete the table.

Percentage	Fraction	Decimal
50%		
25%		
30%		
40%		
28%		

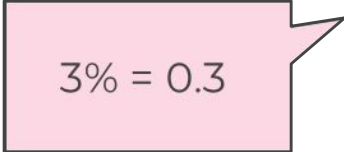


# Change percentages to fractions and decimals

3. Write each fact using a simplified fraction.

- a) 85% of plant life is found in the ocean.
- b) Cucumbers are 96% water.
- c) Cats spend 66% of their life asleep.
- d) The shell is 12% of an egg's weight.

4. Simon says:


$$3\% = 0.3$$



Show that Simon is incorrect.

5. Write each percentage as a decimal.

- a) 8%
- b) 115%
- c) 132%
- d) 240%

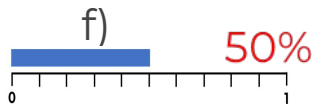
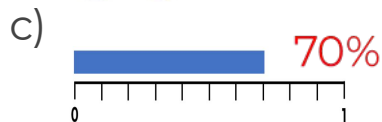
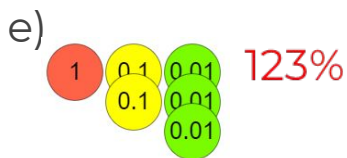
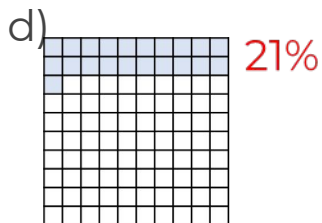
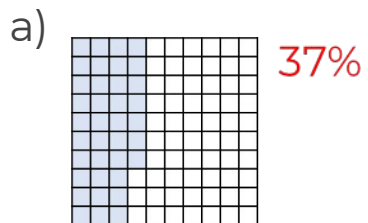


# Answers



# Change percentages to fractions and decimals

1. Write down the percentage shown by each diagram.



2. Complete the table.

Percentage	Fraction	Decimal
50%	$\frac{1}{2}$	0.5
25%	$\frac{1}{4}$	0.25
30%	$\frac{3}{10}$	0.3
40%	$\frac{2}{5}$	0.4
28%	$\frac{7}{25}$	0.28



# Change percentages to fractions and decimals

3. Write each fact using a simplified fraction.


a) 85% of plant life is found in the ocean.  $\frac{17}{20}$

b) Cucumbers are 96% water.  $\frac{24}{25}$

c) Cats spend 66% of their life asleep.  $\frac{33}{50}$

d) The shell is 12% of an egg's weight.  $\frac{3}{25}$

4. Simon says:


$$3\%=0.3$$



Show that Simon is incorrect.

$$3\% = \frac{3}{100} = 0.03$$

5. Write each percentage as a decimal.

a) 8%      0.08

c) 132%    1.32

b) 115%    1.15

d) 240%    2.4

