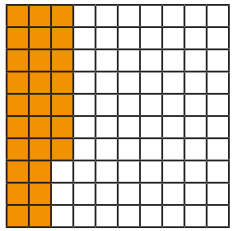
Make a whole

1 Here is a hundred square.



a) How many hundredths are shaded?

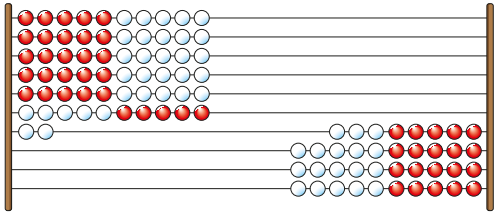
b) How many more hundredths do you need to shade so that the whole hundred square is shaded?

c) Complete the sentence.

☐ hundredths + ☐ hundredths = 1 whole

2 Here is a Rekenrek with 100 beads.

Each bead is one hundredth of the whole.



Complete the sentences.

a) ☐ hundredths are on the left.

b) ☐ hundredths are on the right.

c) ☐ + ☐ = 1

3 Fill in the missing digits.

a) 1 tenth = ☐ hundredths

b) $\frac{2}{10} = \frac{\square}{100}$

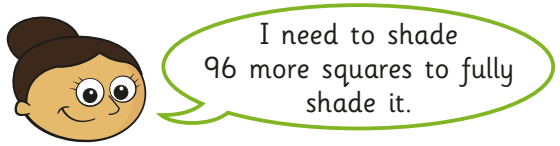
c) 70 hundredths = ☐ tenths

d) 32 hundredths = ☐

e) 0.4 = ☐ tenths

f) 50 hundredths = ☐

4 Dora has shaded 4 tenths of a hundred square.

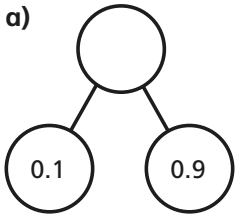


Do you agree with Dora?

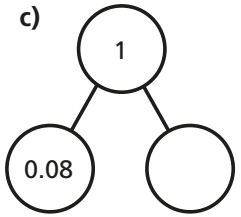
Explain your reasoning.

5 Complete the part-whole models.

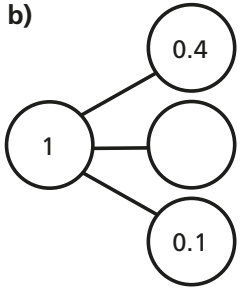
a)



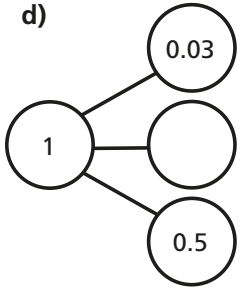
c)



b)



d)



6 Which calculations do **not** sum to 1?

0.4 + 0.6	0.4 + 0.06	0.04 + 0.06	0.8 + 0.92	0.08 + 0.92	0.92 + 0.08

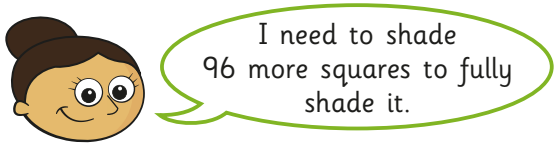
How did you work this out?

7 Mo has a metre-long piece of ribbon.

He cuts off a piece of ribbon 24 cm long.

What is the length of the remaining ribbon?

4 Dora has shaded 4 tenths of a hundred square.

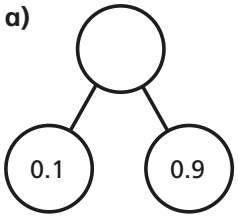


Do you agree with Dora?

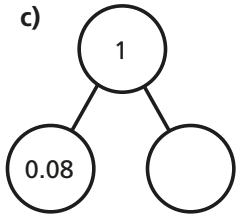
Explain your reasoning.

5 Complete the part-whole models.

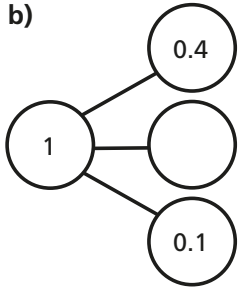
a)



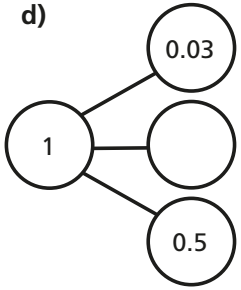
c)



b)



d)



6 Which calculations do **not** sum to 1?

0.4 + 0.6	0.4 + 0.06	0.04 + 0.06	0.8 + 0.92	0.08 + 0.92	0.92 + 0.08

How did you work this out?

7 Mo has a metre-long piece of ribbon.

He cuts off a piece of ribbon 24 cm long.

What is the length of the remaining ribbon?

8 Fill in the missing numbers.

a) 0.1 + ☐ = 1

b) ☐ + 0.01 = 1

c) 0.03 + ☐ = 1

d) 0.15 + 0.64 + ☐ = 1

e) 0.15 + ☐ + 0.65 = 1

f) ☐ + 0.04 + 0.5 = 1

9 Two identical bead strings have a total length of 64 cm.

Would the total length of three of these bead strings be longer or shorter than a metre?

Explain how you know.

10 Here are eight number cards.

$\frac{6}{10}$	$\frac{19}{100}$	0.2	0.5	$\frac{8}{10}$	0.01	$\frac{30}{100}$	0.4

Use the number cards to make each calculation correct.

You can use each number once only.

☐ + ☐ = 1

☐ + ☐ + ☐ = 1

☐ + ☐ + ☐ = 1

How many other ways can you find to make a total of 1?