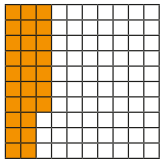
Make a whole with hundredths

1 Here is a hundred square.



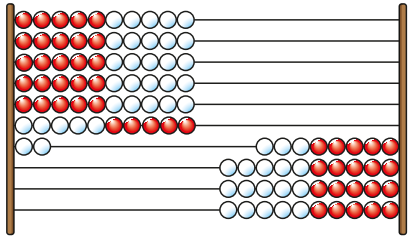
a) How many hundredths are shaded?

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.

☐ hundredths are on the left.

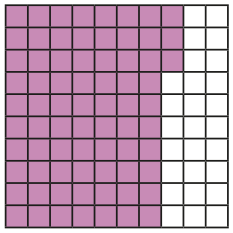
☐ hundredths are on the right.

☐ + ☐ = 1

3 Each hundred square represents one whole.

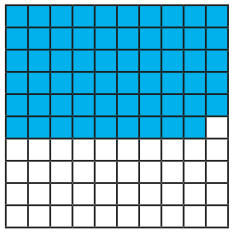
Complete the calculations represented by the hundred squares.

a)



☐ + ☐ = 1

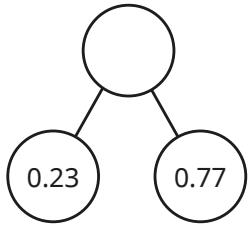
b)



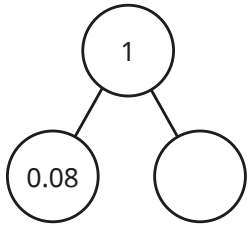
☐ + ☐ = 1

4 Complete the part-whole models.

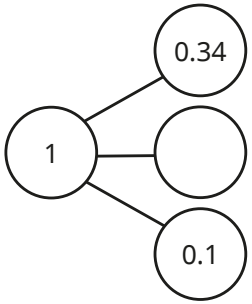
a)



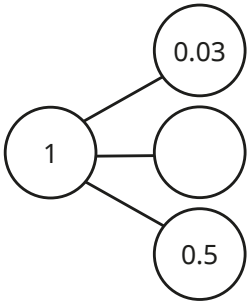
c)



b)



d)



5 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 decide?

6 Mo has a metre-long piece of ribbon.

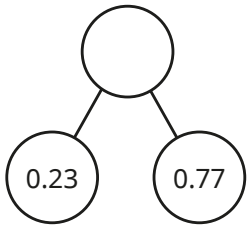
He cuts off a piece of ribbon 24 cm long.

What is the length of the remaining ribbon?

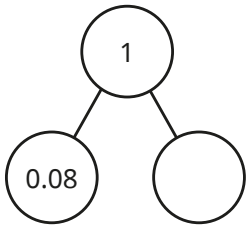
Make a whole with hundredths

4 Complete the part-whole models.

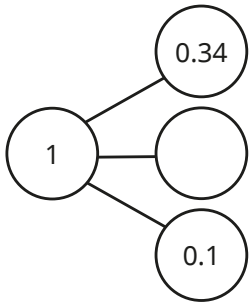
a)



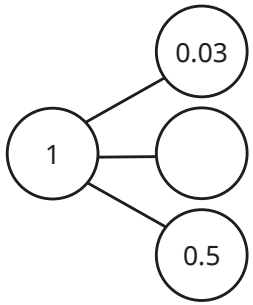
c)



b)



d)



5 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 decide?

6 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?

7 Work out 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

8 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.

9 Here are eight numbers.

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

Use the numbers 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?