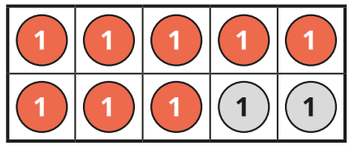
Make a whole with tenths

1 What calculations are shown on the ten frames?

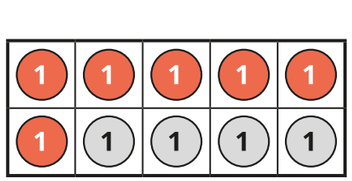
a)



8 + ☐ = 10

0.8 + ☐ = 1

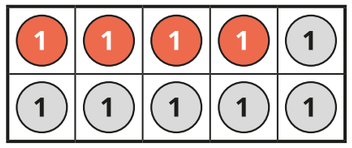
b)



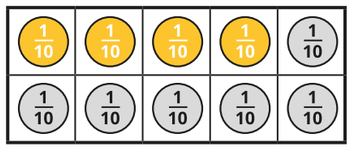
☐ + ☐ = 10

☐ + ☐ = 1

c)



☐ + ☐ = 10

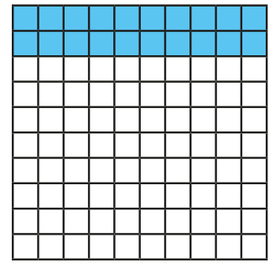


☐ + ☐ = 1

What is the same about the calculations in each pair?

What is different?

2 The hundred square represents 1 whole.



a) How many tenths of the hundred square are shaded?

☐

b) How many tenths of the hundred square are **not** shaded?

☐

c) Write the bond to 1 whole shown on the hundred square.

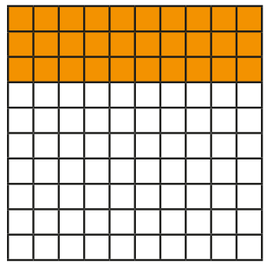
☐ tenths + ☐ tenths = 1 whole

☐ + ☐ = 1

3 Each hundred square represents 1 whole.

Write the bonds to 1 whole shown on the hundred squares.

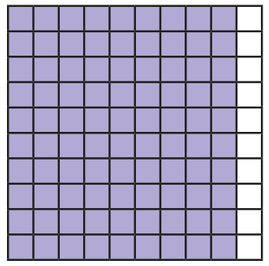
a)



☐ tenths + ☐ tenths = 1 whole

☐ + ☐ = 1

b)



☐ tenths + ☐ tenth = 1 whole

☐ + ☐ = 1

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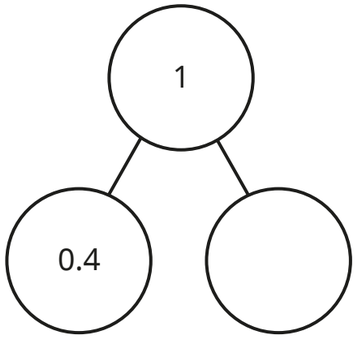
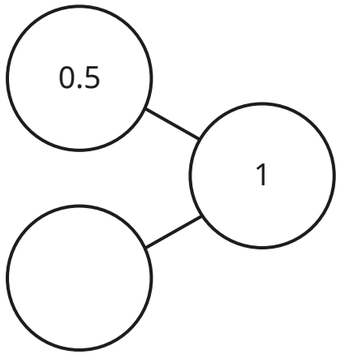
4 Complete the part-whole models.

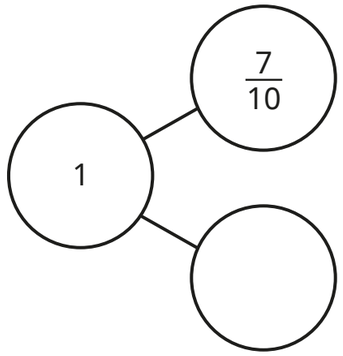
a)



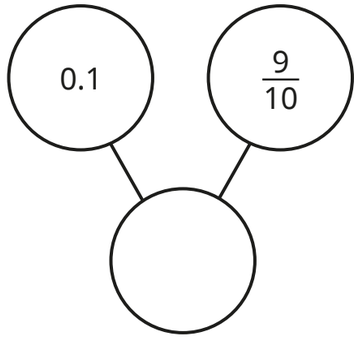
b)



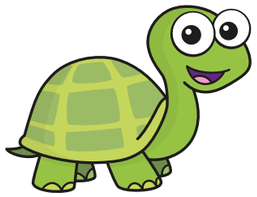
c)



d)



5 Tiny is adding tenths.



0.9 + 0.1 = 0.10

Is Tiny correct? _____

Explain your answer.

6 Fill in the missing numbers.

a) 0.3 + 0.4 + ☐ = 1

b) $1 = \frac{3}{10} + \frac{1}{10} +$ ☐

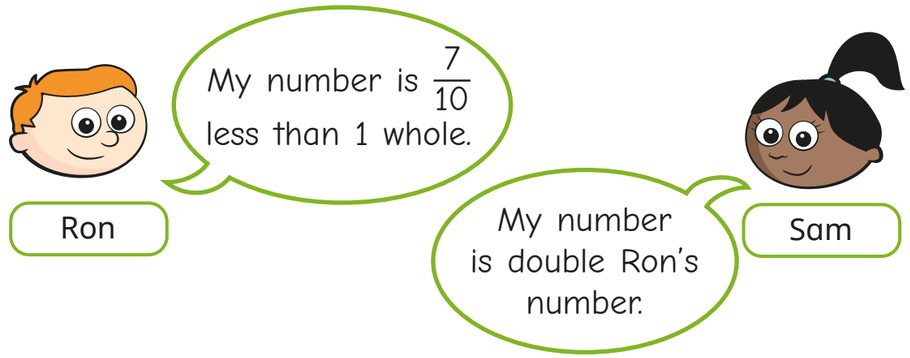
c) $0.5 + \frac{3}{10} +$ ☐ = 1

d) $\frac{1}{10} +$ ☐ + 0.3 = 1

e) $\frac{3}{10} +$ ☐ $= 1 - \frac{1}{10}$

f) 1 − 0.6 = ☐ + 0.1

7 Ron and Sam are each thinking of a number.



What is the bond to 1 whole for Sam's number?

Give your answer as a fraction and as a decimal.

decimal ☐ fraction ☐

How did you work it out?

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