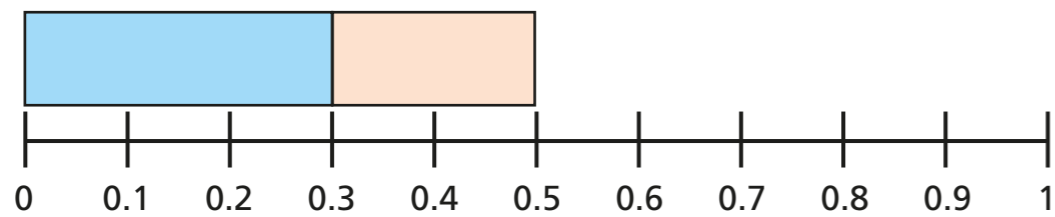


Adding decimals within 1

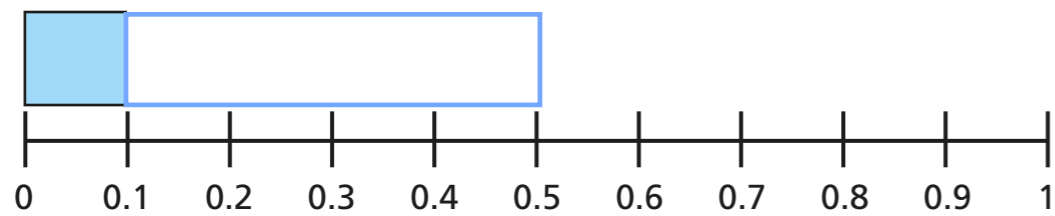


1 Work out the additions.
Use the number lines to help you.

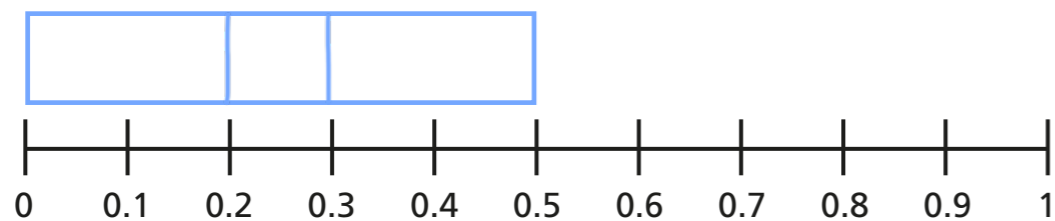
a) $0.3 + 0.2 =$ 0.5



b) $0.1 + 0.4 =$ 0.5

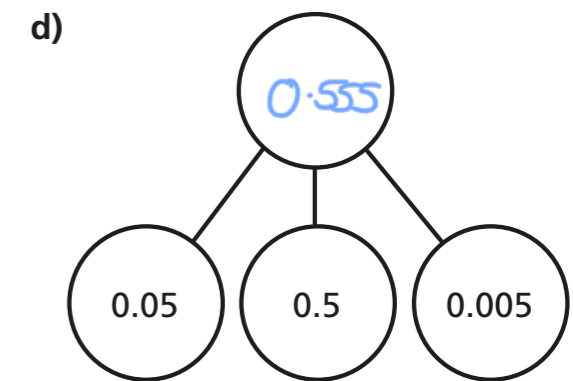
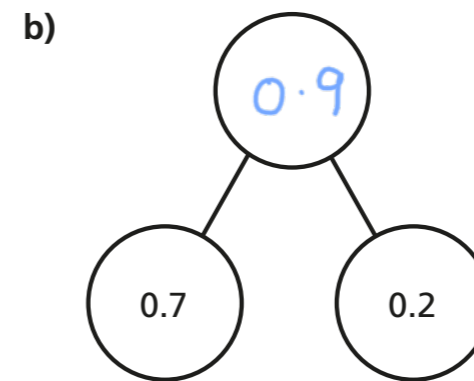
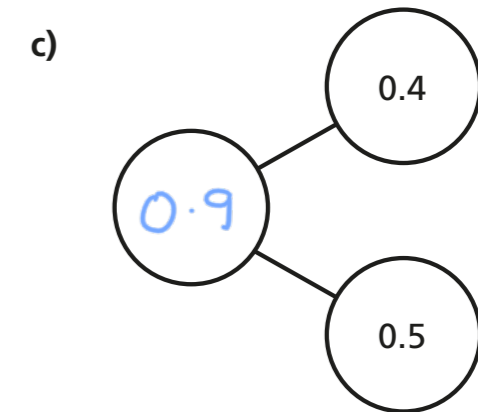
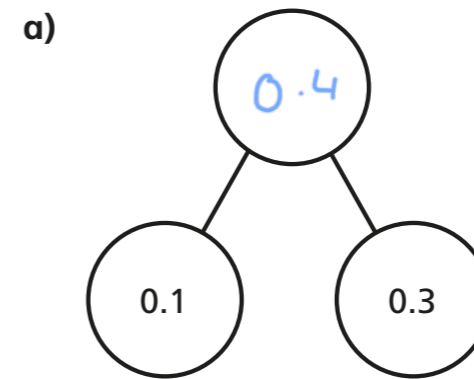


c) $0.2 + 0.1 + 0.2 =$ 0.5



What do you notice about your answers?

2 Complete the part-whole models.



3 Complete the additions.

Use the place value charts to help you.

a) $0.42 + 0.3 =$ 0.72

Ones	Tenths	Hundredths

+

b) $0.28 + 0.32 =$ 0.6

Ones	Tenths	Hundredths

+



c) $0.28 + 0.36 = 0.64$

+

Ones	Tenths	Hundredths
	00	0000
	000	000



4 Use the column method to work out the additions.

a)

		0	•	4	2
	+	0	•	3	
		0	•	7	2

d)

		0	•	4	2
	+	0	•	0	3 3
		0	•	4	5 3

b)

		0	•	0	4
	+	0	•	3	3
		0	•	3	7

e)

		0	•	4	3 6
	+	0	•	1	7
		0	•	6	0 6

c)

		0	•	4	0 2
	+	0	•	0	3
		0	•	4	3 2

f)

		0	•	7	5 1
	+	0	•	0	9
		0	•	8	4 1

5 Jack has set up a column addition to work out $0.19 + 0.07$

What mistake has Jack made?

		0	•	1	9
	+	0	•	7	
			•		

6 Add together 7 hundredths and 34 hundredths.

Give your answer as a decimal.

7 hundredths + 34 hundredths = 0.41

7 Eva drinks a quarter of a litre of water.

Mo drinks 0.3 litres of water.

Whitney drinks a tenth of a litre more water than Mo.

How much water do Eva, Mo and Whitney drink altogether?



0.95L