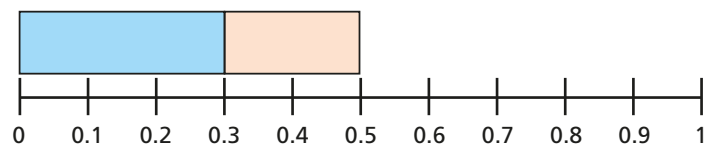


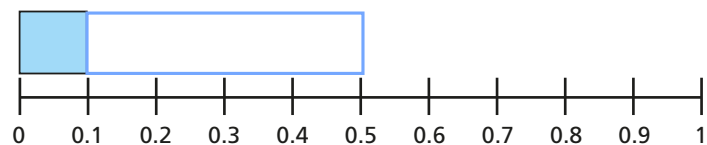
Adding decimals within 1

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

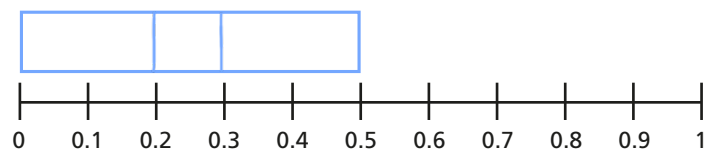
a) $0.3 + 0.2 = 0.5$



b) $0.1 + 0.4 = 0.5$



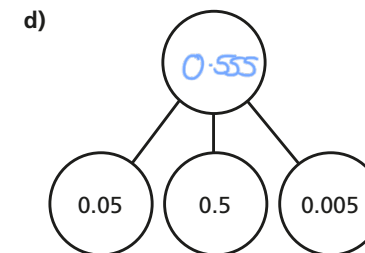
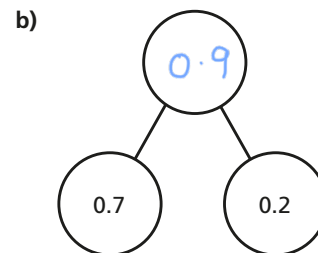
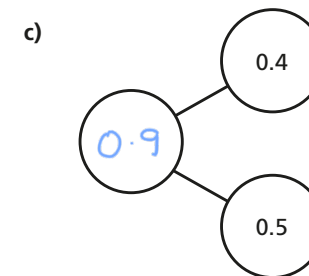
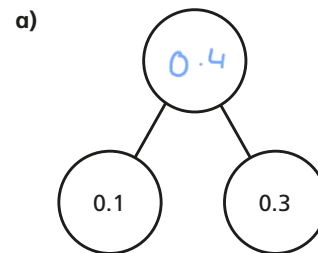
c) $0.2 + 0.1 + 0.2 = 0.5$



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
	0.1 0.1 0.1 0.1	0.01 0.01
	0.1 0.1 0.1	

+

b) $0.28 + 0.32 = 0.6$

Ones	Tenths	Hundredths
	0.1 0.1	0.01 0.01 0.01 0.01
	0.1 0.1 0.1	0.01 0.01

+



c) $0.28 + 0.36 = 0.64$

Ones	Tenths	Hundredths
	• 00	0000
	• 000	0000
	• 000	0000

+



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?

Eva 0.25 L
Mo 0.3 L
Whitney 0.4 L



$0.95 L$

