

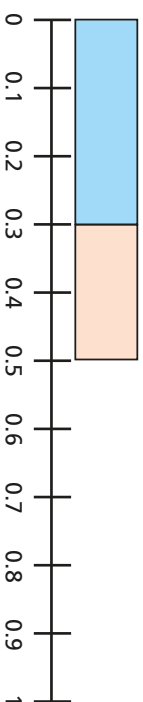
Adding decimals within 1

1

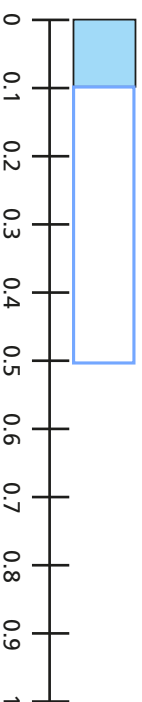
Work out the additions.

Use the number lines to help you.

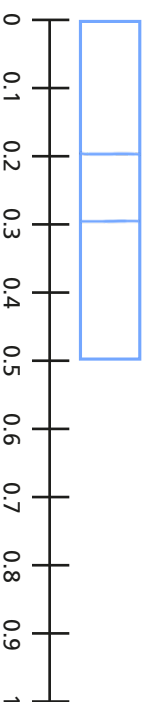
a) $0.3 + 0.2 =$ 0.5



b) $0.1 + 0.4 =$ 0.5



c) $0.2 + 0.1 + 0.2 =$ 0.5

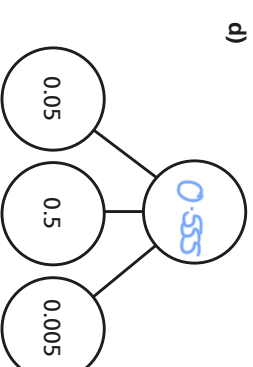
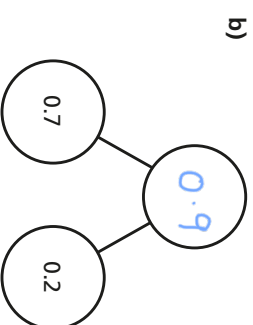
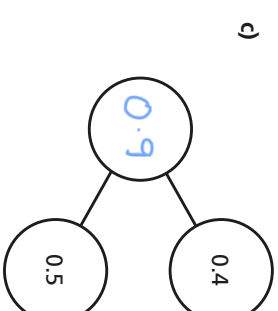
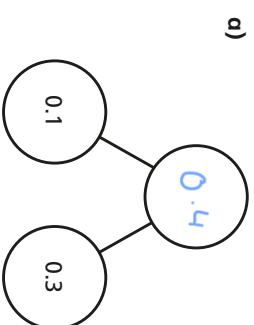


What do you notice about your answers?



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
	<div>0.1</div> <div>0.1</div> <div>0.1</div> <div>0.1</div>	<div>0.01</div> <div>0.01</div>
	<div>0.1</div> <div>0.1</div>	
	<div>0.1</div>	

b) $0.28 + 0.32 =$ 0.6

Ones	Tenths	Hundredths
	<div>0.1</div> <div>0.1</div>	<div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div>
	<div>0.1</div> <div>0.1</div> <div>0.1</div>	<div>0.01</div> <div>0.01</div>
	<div>0.1</div>	



c) $0.28 + 0.36 = 0.64$

	Ones	Tenths	Hundredths
+ 64		●	

4 Use the column method to work out the additions.

a)

		0	•	4	2
	+	0	•	3	
		<u>0</u>	•	<u>7</u>	<u>2</u>

[illegible]

b)

			0 • 0	4	
		+	0 • 3	3	
			<hr/>		
			0 • 3	7	

[illegible]

		0	•	4	0
	+	0	•	0	3
		<u>0</u>	•	<u>4</u>	<u>3</u>
					2

[illegible]



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

What mistake has Jack made?

$$\begin{array}{r} 0.19 \\ + 0.7 \\ \hline . \\ \hline \end{array}$$

6 Add together 7 hundredths and 34 hundredths.

Give your answer as a decimal.

$$7 \text{ hundredths} + 34 \text{ hundredths} = 0.41$$

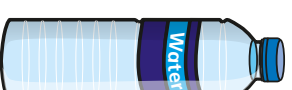
7 Eva drinks a quarter of a litre of water.

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



0.95L