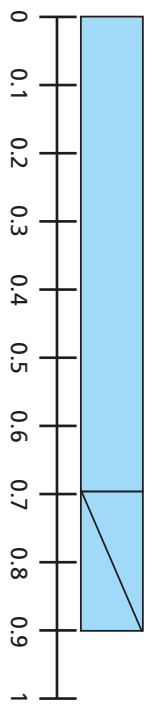


# Subtracting decimals within 1

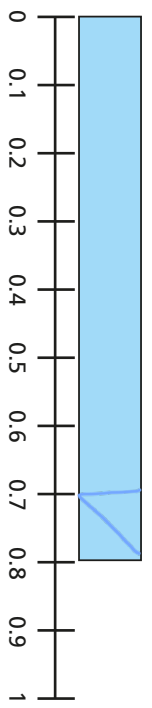
1

Work out the subtractions.  
Use the number lines to help you.

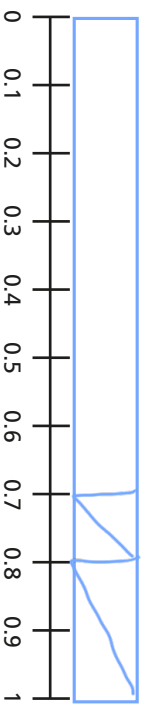
a)  $0.9 - 0.2 =$  0.7



b)  $0.8 - 0.1 =$  0.7



c)  $1 - 0.2 - 0.1 =$  0.7

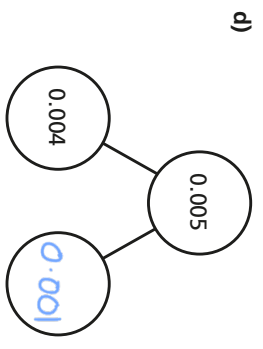
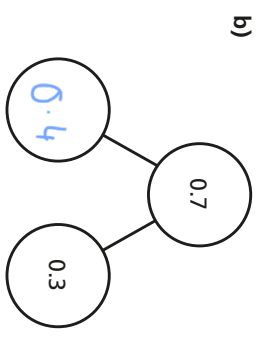
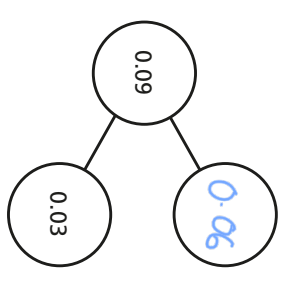
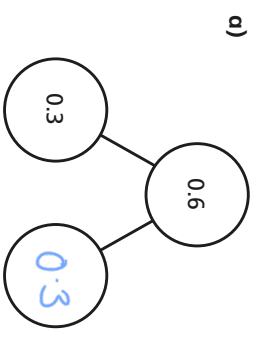


What do you notice about your answers?



2

Complete the part-whole models.



3

Complete the subtractions.

Use the place value charts to help you. The first one has been started for you.

a)  $0.42 - 0.3 =$  0.12

Ones	Tenths	Hundredths
•	•	•
	<div style="display: flex; justify-content: space-around;"> <span>0.1</span> <span>0.1</span> </div>	<div style="display: flex; justify-content: space-around;"> <span>0.01</span> <span>0.01</span> </div>
	<div style="display: flex; justify-content: space-around;"> <span><del>0.1</del></span> <span><del>0.1</del></span> </div>	<div style="display: flex; justify-content: space-around;"> <span>0.01</span> <span>0.01</span> </div>

b)  $0.28 - 0.05 =$  0.23

Ones	Tenths	Hundredths
•	•	•
	<div style="display: flex; justify-content: space-around;"> <span>0.1</span> <span>0.1</span> </div>	<div style="display: flex; justify-content: space-around;"> <span>0.01</span> <span>0.01</span> </div>
	<div style="display: flex; justify-content: space-around;"> <span>0.1</span> <span>0.1</span> </div>	<div style="display: flex; justify-content: space-around;"> <span><del>0.01</del></span> <span><del>0.01</del></span> </div>



4 Use the column method to work out the subtractions.

a)

		0	.	8	9
		-	0	.	4

c)

		0	.	7	7
		-	0	.	6
					8

b)

		0	.	7	7
		-	0	.	6
					4

d)

		0	.	7	0
		-	0	.	2
					5

5



I can't work out  $0.56 - 0.099$  because 99 is bigger than 56

Do you agree with Eva? NO  
Work out the answer to  $0.56 - 0.099$

$$\begin{array}{r} 0.56 \\ - 0.099 \\ \hline 0.461 \end{array}$$

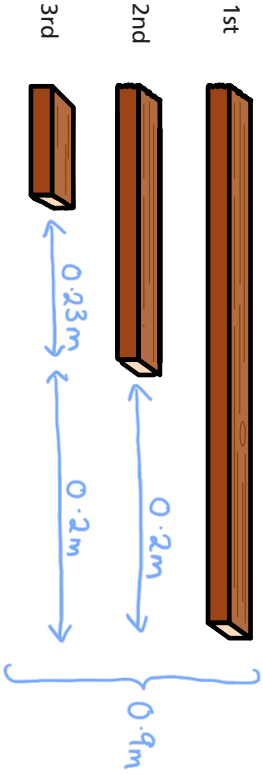
$0.461$

6 Find the difference between 53 hundredths and 8 tenths. Give your answer as a decimal.

The difference between 53 hundredths and 8 tenths is  $0.27$

7 A piece of wood is 0.9 metres long. It is cut into 3 unequal pieces.

The first piece is 0.2 metres longer than the second piece.  
The third piece is 23 hundredths of a metre shorter than the second piece.



How long is each piece of wood?

1st =  $0.51m$       2nd =  $0.31m$       3rd =  $0.08m$

