



Summer week 3 Lesson 2 – 05.05.20

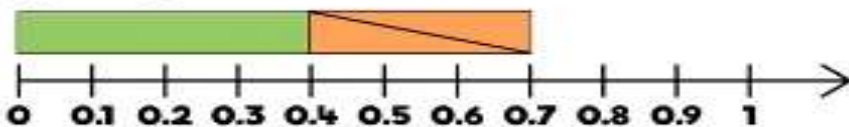
LO: To be able to subtract decimals within 1

Success Criteria:

| |
|---------------------------------------|
| 1. First Subtract the tenths |
| 2. Then subtract the hundredths |
| 3. Now Subtract the thousandths. |
| 4. Finally subtract any whole numbers |

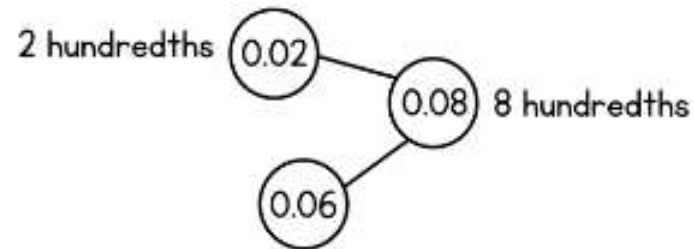
Model

$$0.7 - 0.3 = 0.4$$

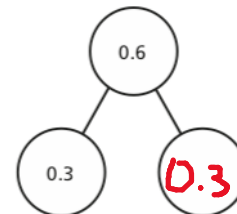
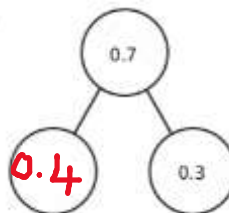
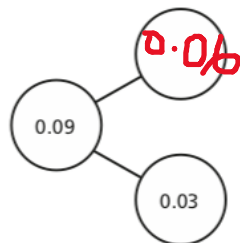
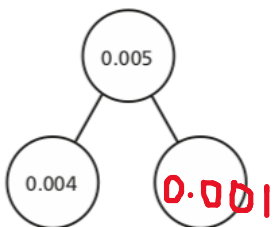


$$0.08 - 0.02 = 0.06$$

8 hundredths - 2 hundredths = 6 hundredths



Now complete these part whole models:



Make up some of your own.

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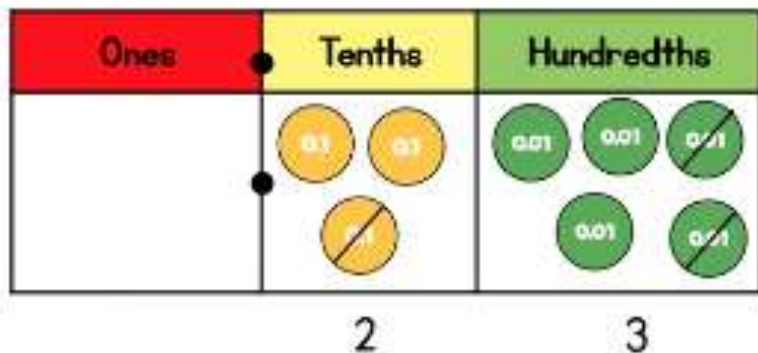
LO: To be able to subtract decimals within 1

Success Criteria:

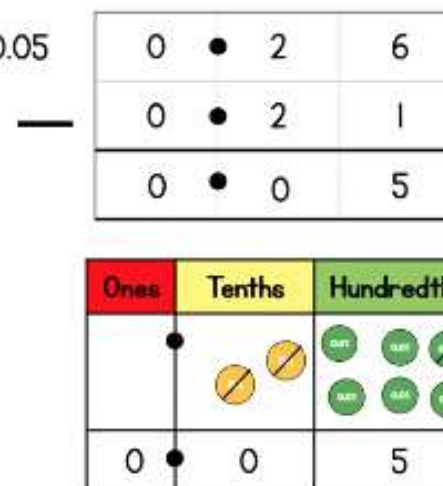
- | |
|---|
| 1. Write your decimals in columns – be sure to line up your place value columns carefully |
| 2. Start by subtracting your hundredths or the column to the far right. |
| 3. Now subtract the tenths |
| 4. Finally subtract any whole numbers – remember to exchange if needed. |

Model:

$$0.35 - 0.12 = 0.23$$



$$0.26 - 0.21 = 0.05$$



Task 1

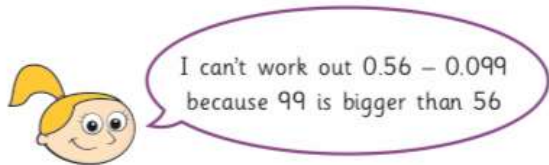
Use the column method to work out the subtractions.

a)
$$\begin{array}{r} 0.89 \\ - 0.4 \\ \hline 0.49 \end{array}$$

d)
$$\begin{array}{r} 0.77 \\ - 0.68 \\ \hline 0.09 \end{array}$$

b)
$$\begin{array}{r} 0.77 \\ - 0.64 \\ \hline 0.13 \end{array}$$

d)
$$\begin{array}{r} 0.70 \\ - 0.25 \\ \hline 0.45 \end{array}$$



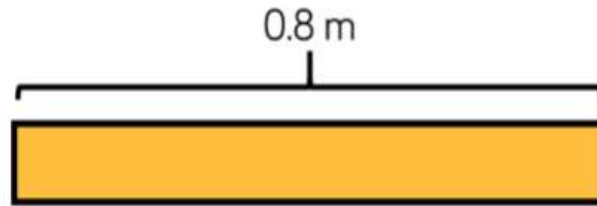
Do you agree with Eva? NO

Work out the answer to $0.56 - 0.099$

$$\begin{array}{r} 0.560 \\ - 0.099 \\ \hline 0.461 \end{array}$$

0.461

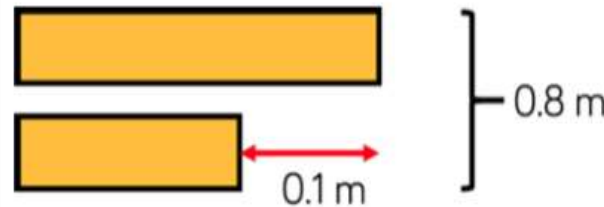
Task 2



The strip of paper is 0.8 m long.

It is cut into two unequal parts.

The difference in lengths between the two strips of paper is 0.1 m



How long are the two strips of paper?

Strip 1: 0.45 m
Strip 2: 0.35 m

Task 3

Here are four calculations.
Which one is the easiest to answer?
Which one is the trickiest to answer?
Explain your choice of order.

Possible order:

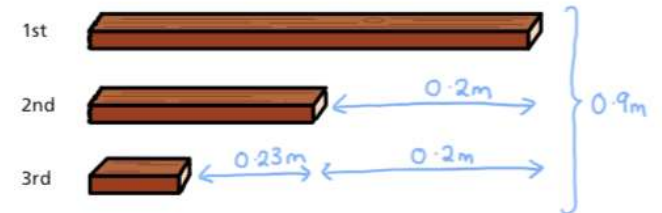
$0.45 - 0.23 = 0.22$
(no exchange)

$0.45 - 0.15 = 0.3$
(no exchange with 0)

$0.45 - 0.3 = 0.15$
(no exchange, different dp)

$0.45 - 0.18 = 0.27$
(exchange)

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

