Subtracting decimals within 1

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

   a) $0.9 - 0.2 = \boxed{0.7}$

   b) $0.8 - 0.1 = \boxed{0.7}$

   c) $1 - 0.2 - 0.1 = \boxed{0.7}$

What do you notice about your answers?

2. Complete the part-whole models.

   a) $egin{array}{c}
   0.6 \hline
   0.3 \hline
   0.3
   \end{array}$

   b) $egin{array}{c}
   0.7 \hline
   0.4 \hline
   0.3
   \end{array}$

   c) $0.06$

   d) $0.005$

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

   a) $0.42 - 0.3 = \boxed{0.12}$

   b) $0.28 - 0.05 = \boxed{0.23}$
4 Use the column method to work out the subtractions.

a)  
\[
\begin{array}{c}
0 & 8 & 9 \\
- & 0 & 4 \\
\hline
0 & 4 & 9
\end{array}
\]

b)  
\[
\begin{array}{c}
0 & 7 & 7 \\
- & 0 & 6 & 4 \\
\hline
0 & 1 & 3
\end{array}
\]

c)  
\[
\begin{array}{c}
0 & 6 & 1 \text{7} \\
- & 0 & 6 & 8 \\
\hline
0 & 0 & 9
\end{array}
\]

d)  
\[
\begin{array}{c}
0 & 5 & 0 \\
- & 0 & 2 & 5 \\
\hline
0 & 4 & 5
\end{array}
\]

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

\[
\begin{array}{c}
0 & 5 & 6 \\
- & 0 & 0 & 9 & 9 \\
\hline
0 & 4 & 6 & 1
\end{array}
\]

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 2nd 3rd

\[
\begin{array}{c}
0.51m \\
0.31m \\
0.08m
\end{array}
\]