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Modified In-School Off-School Approach Modules (MISOSA)
Distance Education for Elementary Schools
SELF-INSTRUCTIONAL MATERIALS



**SUBTRACTION OF MIXED
DECIMALS THROUGH
HUNDREDTHS WITHOUT OR
WITH REGROUPING**



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SUBTRACTION OF MIXED DECIMALS THROUGH HUNDREDTHS WITHOUT OR WITH REGROUPING

Objective: Subtract mixed decimals through hundredths without or with regrouping



Find the difference.

$$\begin{array}{r} 1) 0.51 \\ - 0.38 \\ \hline \end{array}$$

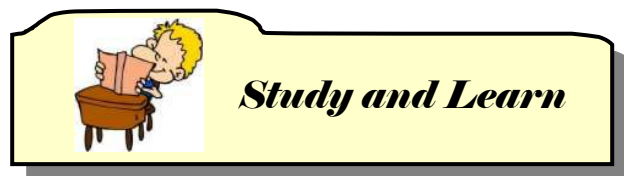
$$\begin{array}{r} 2) 0.72 \\ - 0.56 \\ \hline \end{array}$$

$$\begin{array}{r} 3) 0.84 \\ - 0.45 \\ \hline \end{array}$$

$$\begin{array}{r} 4) 0.60 \\ - 0.27 \\ \hline \end{array}$$

$$\begin{array}{r} 5) 0.90 \\ - 0.63 \\ \hline \end{array}$$

Check your answer with the answer key. If your score is 4 or 5, you may continue with this lesson. If you got 3 or below, review your past lessons.



A. Read and analyze this problem.

At the start of summer, the water level at La Mesa Dam stood at 1.3 metres. By the end of summer, it dropped by 0.4 metre. What was the water level at the end of summer?

B. Answer the following:

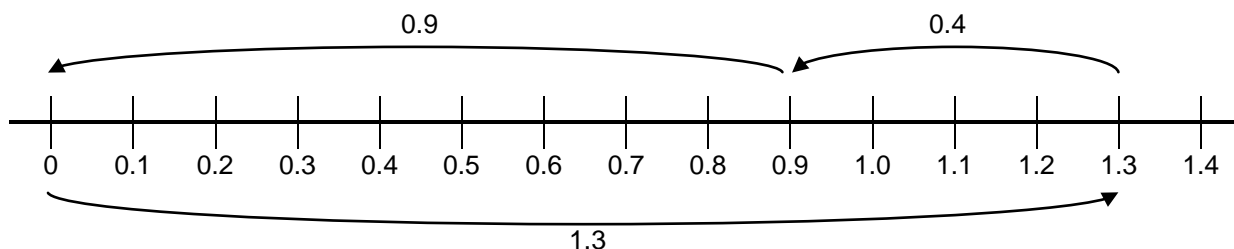
1. What are the given facts? *1.3 metres and 0.4 metres*





2. What is asked? *The water level at the end of summer.*
3. How will you find the answer? *Subtract 1.3 metres by 0.4 metres*

C. Let us use the number line to find the answer.



D. Using the short-cut method.

$$\begin{array}{r} 1.3 \\ - 0.4 \\ \hline 0.9 \end{array}$$

E. Using the examples which involve without and with regrouping/renaming of numbers.

$$\begin{array}{r} 1.86 \\ - 0.65 \\ \hline 1.21 \end{array}$$

$$\begin{array}{r} \\ 3.27 \\ - 1.48 \\ \hline 1.79 \end{array}$$

$$\begin{array}{r} 1.19 \\ - 0.42 \\ \hline 0.77 \end{array}$$



Wrap Up

Subtracting mixed decimals is just like subtracting whole numbers. When subtracting mixed decimals, be sure the decimal points are in column. Regroup as needed.





A. Find the difference.

$$\begin{array}{r} 1) \ 4.4 \\ - 2.3 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \ 8.7 \\ - 6.4 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \ 8.6 \\ - 4.2 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \ 5.8 \\ - 4.5 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \ 9.8 \\ - 6.9 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \ 4.62 \\ - 1.49 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \ 27.4 \\ - 13.7 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \ \text{P}7.24 \\ - 6.95 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \ \text{P}32.06 \\ - 5.98 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \ \text{P}83.78 \\ - 46.55 \\ \hline \end{array}$$

B. Arrange in column and subtract.

$$1) \ 8.70 - 3.0 =$$

$$2) \ 49.7 - 25.45 =$$

$$3) \ 7.2 - 3.0 =$$

$$4) \ 92.7 - 14.8 =$$

$$5) \ 25.9 - 15.4 =$$

$$6) \ 98.25 - 22.05 =$$

$$7) \ \text{P}14.61 - \text{P}3.53 =$$

$$8) \ \text{P}73.05 - \text{P}12.68 =$$

$$9) \ \text{P}10.17 - \text{P}6.09 =$$

$$10) \ \text{P}358.1 - \text{P}101.11 =$$



A. Subtract the following.

$$\begin{array}{r} 1) \ 7.2 \\ - 3.0 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \ 34.8 \\ - 12.4 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \ 95.6 \\ - 13.9 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \ 27.9 \\ - 15.5 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \ \text{P}701.2 \\ - 556.09 \\ \hline \end{array}$$



Check your answer with the answer key. If you get....

- 4-5 - Excellent! You may now proceed to the next lesson.*
- 2-3 - You need to review the processes you missed.*
- 0-1 - You need to repeat the whole process.
Ask your teacher or elder to help you.*

