

MY Homework

Lesson 8

Hands On: Subtract Decimals Using Base-Ten Blocks

Homework Helper



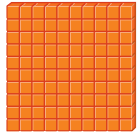
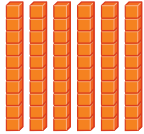
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Charlotte bicycled 1.6 miles on Tuesday and 0.9 mile on Wednesday. How much farther did she bike on Tuesday than on Wednesday?

Find $1.6 - 0.9$. Use base-ten blocks.

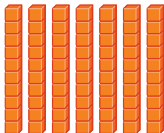


Model 1.6.

Ones	Tenths	Hundredths
		



Subtract 0.9. Count the remaining base-ten blocks.

Ones	Tenths	Hundredths
		

You need to take away 9 tenths, but you cannot subtract 9 tenths from 6 tenths. So, regroup the ones block as 10 tenths. Then subtract.

There are no ones left.

There are seven tenths left.

So, $1.6 - 0.9 = 0.7$.

Charlotte biked 0.7 mile farther on Tuesday.

Check Use addition to check your answer.

$$0.7 + 0.9 = 1.6$$

Helpful Hint

$$16 \text{ tenths} - 9 \text{ tenths} = 7 \text{ tenths}$$

Practice

Subtract. Use base-ten blocks. Draw each result in the table.

1. $1.3 - 0.28 =$ _____


2. $3.52 - 1.39 =$ _____

Ones	Tenths	Hundredths

Ones	Tenths	Hundredths



Problem Solving

3. **PRACTICE**  **Model Math** The temperature at 6:00 A.M. was 0.8°F . By 3:00 P.M., the temperature had increased to 2.4°F . Find the difference between the two temperatures. Draw models to find the difference.

4. Melissa calculated that she can swim 3.6 miles per hour. Avery calculated her swimming speed to be 2.8 miles per hour. How much faster was Melissa's swimming speed? Draw models to find the difference.

5. Monica paid for a milkshake using \$3. If the milkshake costs \$2.67, how much change will she receive? Draw models to find the difference.

My Drawing!