MY Homework

Lesson 5

Hands On: Add Decimals Using Models

Homework Helper eHelp
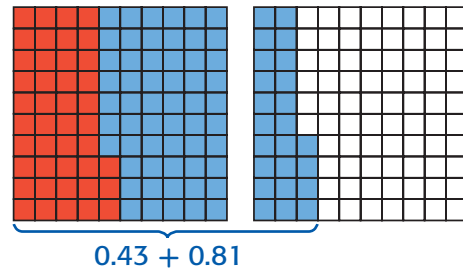
Find 0.43 + 0.81. Use models.

1 **Use 10-by-10 grids to model 0.43.**

To show 0.43, shade forty-three hundredths of a 10-by-10 grid.

Forty-three hundredths is equal to 43 small squares.

0.43 + 0.81

2 **Model 0.81.**

To show 0.81, shade an additional eighty-one hundredths using a different color.

3 **Add.**

There is 1 one.
There are 2 tenths.
There are 4 hundredths.

Helpful Hint

1 one, 2 tenths, and 4 hundredths is equal to 1.24.
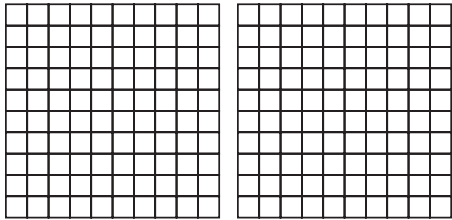
So, 0.43 + 0.81 = 1.24.

Check Use estimation to check for reasonableness.
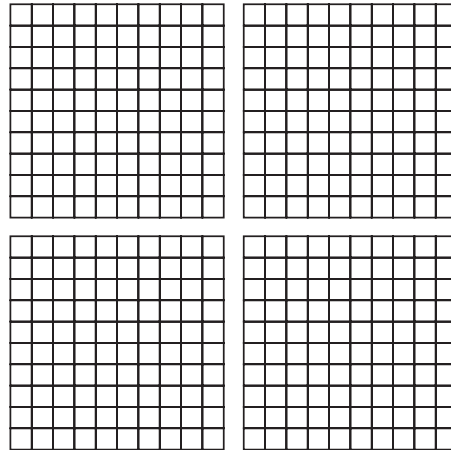
$0 + 1 = 1$ and $1.24 \approx 1$

Practice

Add. Shade the decimal models.

1. $0.51 + 0.63 =$ _____

2. $1.93 + 1.73 =$ _____

Problem Solving

3. Norah wants to download two different applications on her cell phone. One used 2.42 megabytes and the other one used 1.76 megabytes. How many total megabytes of memory will Norah use to download the two applications? Draw decimals models to find the sum.

_____

4. **Mathematical** **PRACTICE** **4** **Model Math** Write a real-world problem that can be solved by adding 1.39 and 2.45 using decimal models. Then solve.

_____

_____

_____

MY BARK IS WORSE THAN MY MEGABYTE!

5. Dorian feeds his dog 7.5 pounds of food in a week. He feeds his cat 3.75 pounds of food in a week. How many total pounds of food do his pets eat in a week? Draw decimal models to find the sum.

_____