

MY Homework

Lesson 4

Hands On: Add Decimals Using Base-Ten Blocks

Homework Helper



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Jessica purchased a cup of hot chocolate for \$1.29 and a granola bar for \$1.55. How much did it cost for both items?

Find $\$1.29 + \1.55 . Use base-ten blocks.

1 Model 1.29 and 1.55.

Ones	Tenths	Hundredths

2 Combine the base-ten blocks.

Since there are 14 hundredths, you need to regroup. You can regroup 14 hundredths as 1 tenth and 4 hundredths. The model shows the result.

Ones	Tenths	Hundredths

There are 2 ones, 8 tenths, and 4 hundredths.

So, the total for the hot chocolate and granola bar was \$2.84.

Check Use estimation to check for reasonableness.

$$\$1 + \$2 = \$3 \text{ and } \$2.84 \approx \$3$$

Practice

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

1. $1.83 + 0.36 =$ _____

2. $3.1 + 1.34 =$ _____

Ones	Tenths	Hundredths


Ones	Tenths	Hundredths



Problem Solving

3. Lucas had 2.3 pounds of grapes left over from his class party. The class ate 1.9 pounds of the grapes. How many pounds of grapes did Lucas buy? Use models to find the sum.



4. **Mathematical PRACTICE**  **Justify Conclusions** Janice wanted to download the following items for her cell phone: A ringtone for \$3.10, a picture for \$1.95 and a game for \$2.05. She has \$8. Not including tax, does Janice have enough money to buy all three items? Explain.

5. Kelli had \$0.55 in her pocket to buy a snack after school. Renee had \$1.64 in her pocket. They decided to share a snack. How much can they spend on a snack altogether? Use models.
