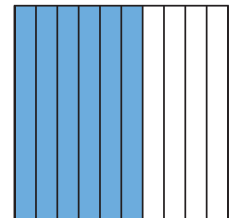# MY Homework

Homework Helper

eHelp

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Julian sold $\frac{6}{10}$ of the school play tickets on Monday. He sold $\frac{23}{100}$ of the tickets on Tuesday. What part of the tickets did Julian sell in all? Write the answer as a fraction with a denominator of 100 and as a decimal.

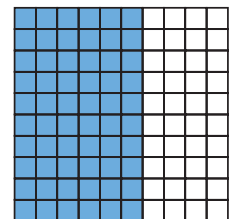Use a model to show $\frac{6}{10} + \frac{23}{100}$.

1 Write $\frac{6}{10}$ as a fraction with a denominator of 100.

The decimal models show that $\frac{6}{10} = \frac{60}{100}$.

2 Add like fractions.

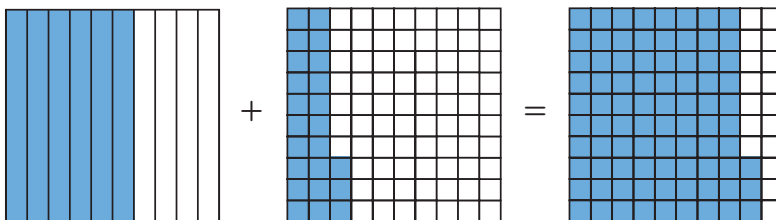$$\frac{60}{100} + \frac{23}{100} = \frac{60 + 23}{100}$$

$$= \frac{83}{100}$$

3 Write the sum as a decimal.

Think of $\frac{83}{100}$ as *eighty-three hundredths*. So, $\frac{83}{100} = 0.83$.

So, Julian sold $\frac{83}{100}$ or 0.83 of the tickets.

Check

The models show that $\frac{6}{10} + \frac{23}{100} = \frac{83}{100}$.

Practice

Add. Write each sum as a fraction with a denominator of 100 and as a decimal.

1. $\dfrac{2}{10} + \dfrac{33}{100} =$ _____

2. $\dfrac{6}{10} + \dfrac{25}{100} =$ _____

3. $\dfrac{4}{10} + \dfrac{17}{100} =$ _____

4. $\dfrac{2}{10} + \dfrac{22}{100} =$ _____

Problem Solving

Mathematical PRACTICE 2 **Use Number Sense** Write each answer as a fraction with a denominator of 100 and as a decimal.

5. An insect's body is $\dfrac{1}{10}$ inch long. The insect's head is $\dfrac{3}{100}$ inch long. What is the combined length of the insect's body and head?

_____

6. Makenna rode her bike $\dfrac{6}{10}$ mile in the morning and $\dfrac{23}{100}$ mile in the afternoon. How far did she ride her bike in all?

_____

My Work!

Test Practice

7. Which addition expression describes the model at the right?

Ⓐ $\dfrac{70}{10} + \dfrac{18}{100}$

Ⓑ $\dfrac{7}{10} + \dfrac{18}{100}$

Ⓒ $\dfrac{7}{100} + \dfrac{18}{100}$

Ⓓ $\dfrac{7}{10} + \dfrac{18}{10}$