MY Homework

Homework Helper

eHelp

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The Statue of Liberty has a total of 354 steps. Janice decides to climb the steps in 2 equal sections. How many steps will she climb in each section?

Find 354 ÷ 2.

1 **Model 354 as (300 + 50 + 4).**

300	50	4

2 **Divide each section by 2.**

Write each quotient above the bar.

$300 \div 2 = 150$
$50 \div 2 = 25$
$4 \div 2 = 2$

	150	25	2
2	300	50	4

3 **Add the quotients.**

$150 + 25 + 2 = 177$

So, $354 \div 2 = 177$. Janice will climb 177 steps in each section.

Check Multiply to check your answer. $177 \times 2 = 354$

Practice

1. Divide $844 \div 4$. Use the Distributive Property to draw a bar diagram.

Problem Solving

2. The fourth, fifth and sixth grade classes of 396 students take a field trip to the historical museum over 3 days. How many students can go each day?

_____

3. Colton wants to buy a video game system in 3 months. The video game system costs $396. If he saves the same amount each month, how much will he have to save each month?

_____

4. Paul's MP3 player has a total of 852 songs. He has 4 different groups of songs. If he puts an equal number of songs in each group, how many songs will be in each group?

_____

My Work!

Vocabulary Check

5. Choose the correct word(s) to complete the sentence.

Using partial quotients is a method of dividing where you break

the _____ into sections that are easy to divide.

Mathematical
6. PRACTICE **5** **Use Math Tools** Stanley is using the bar diagram to help him find 482 ÷ 2. What is the quotient?

2	400	80	2