

Problem Solving

Multiple-Step Problems

For three months, a fifth-grade class held a fun fair to raise money for charities. The funds raised are shown in the table. If the class divides the money equally among 30 different organizations, how much will each organization receive?

Funds Raised	
September	\$434
October	\$460
November	\$605

Read and Understand*What do I know?*

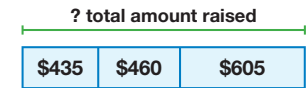
A class raised \$435, \$460, and \$605. Thirty charities will receive the same amount of money from the total amount raised.

What am I asked to find?

The amount of money each charity will receive.

Plan and Solve

Find the hidden question or questions.
How much money was raised altogether?



$$\$435 + \$460 + \$605 = \$1,500$$

Solve. Use mental math.

$$\$1,500 \div 30 = \square$$

Think 150 tens \div 3 tens = 50

Each charity will receive \$50.

- Why do you need to find the hidden question before you can answer the question that is asked?

- What information do you know?
- What are some questions you could answer with this information?

- Why are the boxes in the bar of different lengths?
- Is the sum of \$1500 reasonable? Explain.