

Problem Solving: Multiple-Step Problems

Chad and his brother Brad cut lawns in their neighborhood to make money. They charge \$20 per lawn. One weekend, Brad cut 4 lawns, and Chad cut 3 lawns. How much money did they earn altogether?

Solution One

Hidden Question: How many lawns did they mow altogether?

Chad cut 3 lawns, Brad cut 4 lawns.

$$3 + 4 = 7$$

They cut 7 lawns.

Question in the Problem: How much money did they earn altogether?

$$7 \text{ lawns} \times \$20 = \$140$$

Chad and Brad earned \$140.

Solution Two

Hidden Question 1: How much money did Chad get for cutting lawns?

$$3 \times \$20 = \$60$$

Hidden Question 2: How much money did Brad get for cutting lawns?

$$4 \times \$20 = \$80$$

Question in the Problem: How much money did they earn altogether?

$$\$60 + \$80 = \$140$$

Chad and Brad earned \$140.

Write and answer the hidden question or questions. Then solve the problem. Write your answer in complete sentences.

- Keisha sold 8 ribbons. Then she sold 6 pins. The ribbons sold for \$3; the pins sold for \$2. How much money did Keisha make?
