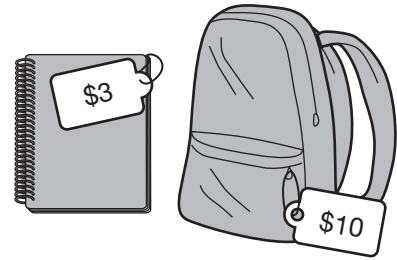


# Problem Solving: Multiple-Step Problems

To solve a multiple-step problem, you may need to find the answer to a hidden question first. Then you can use that answer to solve the problem.

Sandra has \$22 to spend on school supplies. She buys a backpack and spends the rest of her money on notebooks. How many notebooks does she buy?



What do you know?

- Sandra has \$22 and spends \$10 on a backpack.
- Sandra has \$12 left to spend on notebooks that cost \$3 each.

What do you need to do?

Subtract 10 from 22.

$$22 - 10 = 12$$

Divide 12 by 3.

$$12 \div 3 = 4$$

Sandra buys 4 notebooks.

Solve.

1. There are 5 players on a basketball team. All but 2 players scored 6 points each. The other two players scored the same number of points. The team scored a total of 34 points. How many points did the other two players each score?

HINT: Hidden Question—How many points were scored in all by the players who scored 6 points each?

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2. There are 45 students taking a trip to the museum. They form 3 groups with 7 students each. The rest of the groups have 6 students each. How many groups of 6 are there?

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3. Juan has \$20 to spend. He wants to spend \$3 each day for 5 days and \$4 on the weekend. Does he have enough money? If so, how much will he have left?

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