

Variables

TAKS Objectives 1, 2, 6
TEKS 5.3A, 5.6, 5.14A

Identify what the variable represents in each equation.

1. Chen has 20 rows in his garden. He plants 6 rows of broccoli and he plants carrots in the rest of the rows. How many rows of carrots did Chen plant?

Equation: $6 + n = 20$

3. Ashley had \$10 to buy lunch. She bought a sandwich for \$3.50, a bowl of soup for \$2.00, and a drink. She had \$3 left. How much did Ashley's drink cost?

Equation: $\$10 - \$3.50 - \$2.00 - m = \3

5. There are 28 students in a classroom. Thirteen of the students are girls. Let the variable b represent the number of boys in the class. Write an equation that could be used to find the value of b .

2. Bobby started with 50 bushels of apples. He has 16 bushels left to sell. How many bushels of apples has Bobby sold?

Equation: $50 - k = 16$

4. A jug contains 48 ounces of water. When the water is used to fill 3 identical glasses, there are 6 ounces left in the jug. How many ounces of water does each glass hold?

Equation: $48 - g - g - g = 6$

6. You decide what the following equation represents.

$\$20 - d = \8

Write a problem to fit the equation. Solve your problem.
