

Homework

Activity 1

Tell the next step to solve each problem.

1. $-3x + 11 = 20$

$-3x + 11 + -11 = 20 + -11$

$-3x = 9$

What is the next step?

2. $-2x + 2 = 16$

$-2x + 2 + -2 = 16 + -2$

$-2x = 14$

What is the next step?

Activity 2

Solve.

1. $-4x + 10 = 50$

2. $-6x + -2 = -20$

3. $-2x - 4 = 20$

Activity 3

Write the word problems using algebra, then solve. Draw a picture to help you understand the problem better.

1. Maria saves baseball cards. She has two boxes of cards. The first box has 4 times as many cards as the second box. Altogether, she has 75 cards. How many cards does she have in each box?
2. Penny and Sheldon are both working as servers in a restaurant. At the end of the evening, they count their tips. Penny has \$10 less than 3 times as much money in tips as Sheldon. Altogether they have \$74. How much money does each one have in tips?

Activity 4 • Distributed Practice

Solve.

1. $3(x + 4) = 12$

2. $\frac{4}{5} = \frac{w}{10}$

3. $5 + w = 0$

4. $-100 \div a = 25$

5. $\frac{1}{5} \cdot z = 1$

6. $4(x - 3) = 4$