

Solving One-Step Equations 1

You must show your work to get credit!! Check your answer.

Adding and Subtracting

1) $y + 6 = 20$

2) $x - 10 = 12$

3) $12 + z = 15$

4) $2 + n = 16$

5) $a + 4 = 14$

6) $m - 5 = -10$

7) $4 + b = 30$

8) $10 + c = 25$

9) $x - 60 = 20$

Multiplying and Dividing

19) $2x = 16$

20) $15 = 3t$

21) $\frac{k}{2} = 6$

22) $3h = 27$

23) $\frac{j}{3} = 4$

24) $6p = 30$

25) $\frac{n}{10} = 40$

26) $\frac{h}{4} = 15$

27) $9s = 81$

Equations Worksheet

Multiple Choice

Identify the choice that best completes the statement or answers the question.

Identify an equation that models the situation and find its solution.

- _____ 1. A tomato plant was 6 inches tall when it was planted in June. When the first tomatoes were ripe, the plant was 44 inches tall. How many inches did the plant grow?
- A. $z - 6 = 44$
 $x = 50$ in.
- B. $6 + z = 44$
 $x = 39$ in.
- C. $6 + z = 44$
 $x = 38$ in.
- D. $z - 6 = 44$
 $x = 49$ in.
- _____ 2. Karen wrote a check for \$59. She subtracted that amount from her checking account and found that the balance was \$244 after writing the check. What was her balance before writing the check?
- A. $c + 59 = 244$;
 $c = \$235$
- B. $c - 59 = 244$;
 $c = \$303$
- C. $c + 59 = 244$;
 $c = \$185$
- D. $c - 59 = 244$;
 $c = \$353$
- _____ 3. Melissa bought a sweater on sale for \$24.95. This is \$8.04 less than the price that Christine paid for the same sweater when it was not on sale. How much did Christine pay for the sweater?
- A. $24.95 + x = 8.04$; \$16.91
- B. $x - 24.95 = 8.04$; \$33.91
- C. $x + 8.04 = 24.95$; \$16.91
- D. $x - 8.04 = 24.95$; \$32.99
- _____ 4. It's going to be Lindsay's birthday soon, and her friends Mary, Jacqui, Tadeusz, Opal, and Tony have contributed equal amounts of money to buy her a present. They have \$45.00 to spend between them. Determine how much each contributed.
- A. $5y = 45.00$;
 $y = \$9.00$
- B. $5y = 45.00$;
 $y = \$10.00$
- C. $5 + y = 45.00$;
 $y = \$39.00$
- D. $5 + y = 45.00$;
 $y = \$40.00$