

Chapter 4 — Solving Two-Step and Multi-Step Equations

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. Solve: $3n-4=11$

Add 4 first, then divide by 3.

2. Solve: $7-2k=15$

Subtract 7 first, then divide by -2.

3. Solve: $m \div 2 + 3 = 9$

Subtract 3 first, then multiply by 2.

4. Solve: $4(x+1)=20$

Divide both sides by 4 before removing the bracket.

5. Solve: $2a+5a-4=17$

Combine like terms before solving.

6. Solve: $5x+6=2x+18$

Subtract $2x$ from both sides first.

7. Determine the number of solutions: $2p+7=2p+7$

Remove the variable terms and read the statement that remains.

8. Solve: $2x+5=17$

Subtract 5 first, then divide by 2.

9. Solve and check: $5-3r=-7$

Subtract 5 first, then divide by -3.

10. Solve and check: $s \div (-4) - 2 = 5$

Add 2 first, then multiply by -4.

11. Solve: $3(y-2)=18$

Divide by 3 first, then add 2.

12. Solve: $9-4b+b=24$

Combine the b-terms first.

13. Solve: $8m-5=3m+15$

Subtract $3m$ from both sides first.

14. Determine the number of solutions: $4q-3=4q+9$

A false statement means no solution.

15. A number is multiplied by 6 and then increased by 4. The result is 40. Write and solve an equation.

Let n represent the number.
