

Another Look

For use with Lesson 3-1.

Solving Equations: Addition and Subtraction

To solve addition and subtraction equations, “undo” the operation.

Add or subtract the same number on both sides of the equals sign.

Examples:

$b + 32 = 75$
 $b + 32 - 32 = 75 - 32$
 $b + 0 = 75 - 32$
 $b = 43$

Subtract 32.

$f - 68 = 46$
 $f - 68 + 68 = 46 + 68$
 $f + 0 = 46 + 68$
 $f = 114$

Add 68.

$56 = m - 24$
 $56 + 24 = m - 24 + 24$
 $56 + 24 = m - 0$
 $80 = m$

Add 24.

Solve and check.

1. $d - 48 = 63$

Add 48.

$d = \underline{\hspace{2cm}}$

2. $8 - p = \frac{1}{4}$

Subtract 8.

$p = \underline{\hspace{2cm}}$

3. $c + 99 = 99$

Subtract 99.

$c = \underline{\hspace{2cm}}$

4. $f - 56 = 99$

$f = \underline{\hspace{2cm}}$

5. $s + 50 = 100$

$s = \underline{\hspace{2cm}}$

6. $7 - b = \frac{5}{8}$

$b = \underline{\hspace{2cm}}$

7. $j - 7.8 = 5.3$

$j = \underline{\hspace{2cm}}$

8. $347 + m = 558$

$m = \underline{\hspace{2cm}}$

9. $y + 3.5 = 5$

$y = \underline{\hspace{2cm}}$

10. $228 + n = 300$

$n = \underline{\hspace{2cm}}$

11. $t + \frac{3}{4} = 1\frac{1}{4}$

$t = \underline{\hspace{2cm}}$

12. $k - 313 = 54$

$k = \underline{\hspace{2cm}}$

13. $h - 85 = 163$

$h = \underline{\hspace{2cm}}$

14. $s + 4.1 = 8.3$

$s = \underline{\hspace{2cm}}$

15. $d + \frac{2}{5} = \frac{7}{10}$

$d = \underline{\hspace{2cm}}$

16. $g - 4.4 = 7.8$

$g = \underline{\hspace{2cm}}$

17. $67 + r = 92$

$r = \underline{\hspace{2cm}}$

18. $f + 6.8 = 7$

$f = \underline{\hspace{2cm}}$