

3-2

Skills Practice

Solving Equations by Using Addition and Subtraction

Solve each equation. Then check your solution.

1. $y - 7 = 8$

2. $w + 14 = -8$

3. $p - 4 = 6$

4. $-13 = 5 + x$

5. $98 = b + 34$

6. $y - 32 = -1$

7. $s + (-28) = 0$

8. $y + (-10) = 6$

9. $-1 = s + (-19)$

10. $j - (-17) = 36$

11. $14 = d + (-10)$

12. $u + (-5) = -15$

13. $11 = -16 + y$

14. $c - (-3) = 100$

15. $47 = w - (-8)$

16. $x - (-74) = -22$

17. $4 - (-h) = 68$

18. $-56 = 20 - (-e)$

ALL WORK ON LOOSE LEAF

MISSING CHECKS = MISSING 50% CREDIT!

• USE GRE AND "UNDOS" TO GET VARIABLE "BY ITSELF"

$$\textcircled{\text{EX}} \quad \begin{array}{r} x - 17 = -3 \\ +17 \quad +17 \end{array}$$

$$\text{CK} \quad \begin{array}{r} (14) - 17 \stackrel{?}{=} -3 \\ -3 \stackrel{?}{=} -3 \checkmark \end{array}$$

$$\boxed{x = 14}$$