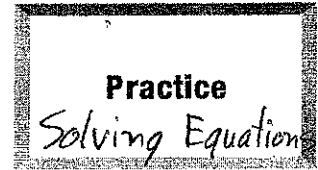


Name \_\_\_\_\_



## Section 3B Review

Solve each equation.

- |                   |                       |                              |                                      |
|-------------------|-----------------------|------------------------------|--------------------------------------|
| 1. $y + 7 = 24$   | 2. $g - 10 = -3$      | 3. $x + 5.7 = 8.3$           | 4. $t - 7\frac{3}{8} = 2\frac{1}{4}$ |
| $y =$ _____       | $g =$ _____           | $x =$ _____                  | $t =$ _____                          |
| 5. $18c = 90$     | 6. $\frac{u}{12} = 7$ | 7. $1.3k = 7.93$             | 8. $\frac{s}{7.81} = 11$             |
| $c =$ _____       | $u =$ _____           | $k =$ _____                  | $s =$ _____                          |
| 9. $5n - 8 = -18$ | 10. $3p + 15 = 36$    | 11. $\frac{3}{5}z - 14 = 25$ | 12. $20r - 5 = 9$                    |
| $n =$ _____       | $p =$ _____           | $z =$ _____                  | $r =$ _____                          |

13. Blazin' Bakery has a jar of cookie samples on the counter. Each cookie sample weighs 0.75 oz, and the jar weighs 27 oz. If the total weight is 45.75 oz, how many cookie samples are in the jar? \_\_\_\_\_

Solve and graph each inequality.

- |                  |                     |                |
|------------------|---------------------|----------------|
| 14. $m - 5 < -4$ | 15. $g + 7 \geq 10$ | 16. $8d > -24$ |
| _____            | _____               | _____          |
|                  |                     |                |

- |                  |                   |                  |
|------------------|-------------------|------------------|
| 17. $5t \leq 12$ | 18. $3a + 4 > 13$ | 19. $4u - 7 < 3$ |
| _____            | _____             | _____            |
|                  |                   |                  |

20. Tien's library allows her to check out a maximum of 10 books at a time. She has selected 3 history books and 4 science fiction novels she wants to read. Solve  $3 + 4 + x \leq 10$  to find how many additional books she might check out. \_\_\_\_\_
21. Ardeshir bought 4 pints of ice cream for \$1.65 each and 2 cans of baked beans for \$0.83 each. He also redeemed 3 coupons for \$0.20 each. How much did he spend? [Lesson 2-5] \_\_\_\_\_