

Name _____

4-7A Lesson Master**Questions on SPUR Objectives**

See pages 245–249 for objectives.

SKILLS Objective C

In 1-14, solve for the stated variable.

1. $x = 2y - 3$ for y

2. $5x + 4y = 20$ for y

3. $C = 2\pi r$ for r

4. $3x + 14y = -7y$ for x

5. $E = mc^2$ for m

6. $9x + 2y = 3x + 2y$ for x

7. $v = \frac{x}{t}$ for t

8. $PV = nRT$ for T

9. $Z = \frac{w}{5} + \frac{w}{7}$ for w

10. $S = \frac{Pl}{2} + B$ for l

11. $S = Ph + 2B$ for B

12. $3x + xy = 9$ for y

13. $g = 3(x + h)$ for h

14. $S = 2\pi rh + 2\pi r^2$ for h