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2-7B Lesson Master**Questions on SPUR Objectives**

See pages 125–127 for objectives.

SKILLS Objective C

In 1-5, make a fact triangle for the equation and write the other three related facts.

1. $42 + -6 = 36$

2. $-\frac{1}{7} - 2\frac{6}{7} = -3$

3. $4z + 6z = 10z$

4. $0.2 - 0.7 = -0.5$

5. $-\frac{1}{2} + \frac{3}{4} = \frac{1}{4}$

In 6-8, give the other three related facts for the sentences.

6. $4x - 3 = 2x$

7. $9 = 14 + y$

8. $-1 - -3 = 2$

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In 9 and 10, solve the given equation by a) using a fact triangle and b) using the Addition Property of Equality.

9. $r + -10 = -25$

10. $-2.1 - 5.2 = m$

In 11 and 12, make a fact triangle with the following properties.

11. The sum is $\frac{7}{10}$.

12. One difference is $2f - 6$.

In 13-22, use related facts to find the value of the variable.

13. $5 = 20 + k$

14. $\frac{1}{12} = 1 - h$

15. $-100 = p - 4$

16. $\frac{3}{4} = w + \frac{3}{2}$

17. $0 = u - 7$

18. $-10 = c - 10$

19. $10 = d - 6$

20. $-21 = \frac{1}{4} - q$

21. $5 - g = -2$

22. $-90 = k - 10$

PROPERTIES Objective E

In 23-31, write the additive inverse.

23. -5 _____

24. $-6 + 6$ _____

25. e _____

26. u^4 _____

27. $x - 9$ _____

28. $-(-(-9))$ _____

29. $-2c + 4$ _____

30. $\frac{4}{x}$ _____

31. $\frac{2-p}{4}$ _____