

Problem Set 8 — Even Answers

- 2a. acute
b. right
c. obtuse

4. 60°

6. $x = 40, \quad y = 100$

8. $x = y = 30, \quad p = 150$

10. $a = 60, \quad b = 120, \quad c = 40$

12. $x = 3, \quad KL = 4$

- 14a. 121°
b. 31°

- 16a. 64
b. 27

18. -34

20. $2x^2y^{-13}z^{-2}$

22. $2 - 6p^{-1}x^2y$

24. $x = \frac{31}{4}$

26. $x = \frac{9}{16}y + \frac{7}{4}$

28. $x = 23$

30. $-\frac{3}{4}$