

Problem Set 6 — Even Answers

- 2a. complimentary
b. adjacent

4. $BC = 5\frac{23}{24}$ in

6. $AB = \frac{7}{2}$ in, $BC = \frac{3}{2}$ in

8. $m\angle 1 = 40^\circ$, $m\angle 2 = 60^\circ$
 $m\angle 3 = 40^\circ$

10. $x = 70$, $y = 110$, $z = 30$

12. $-x^5 + 3a^2b^{-1}x^3$

14. $x = -6$

16. $x = -\frac{1145}{168}$

18. $y = \frac{3}{2}x - \frac{9}{2}p + \frac{5}{2}$

20. $-8a^2x^3 + 2a^2x$

22. $\frac{7}{16}$

24. $x^{-2}y^{12}$

26. $-8x^{16}y^9$

28. -15

30. -212