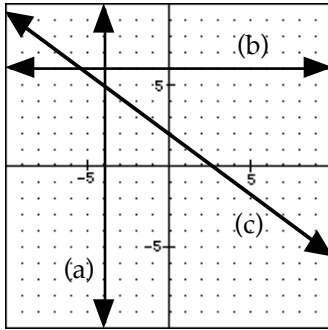


Problem Set 14 — Even Answers

2. \$97,500

4. 7, 9, 11

6. 5900 trees



8.

10a. $y = -2$

b. $x = 4$

c. $y = \frac{1}{3}x + 2$

12. 21 m^2

14. $L = \frac{35}{3}\pi \text{ in} \approx 36.652 \text{ in}$

$$A = \frac{245}{3}\pi \text{ in}^2 \approx 256.563 \text{ in}^2$$

16. $(20 + 4\pi) \text{ yd} \approx 32.566 \text{ yd}$

18. $x = 3$

20. $\frac{a^8 x^{-8} y^{-2}}{8}$

22. $5x - 1$

24. $x = 5$

26. -90

28. 2

30. -4