

Problem Set 26 — Even Answers

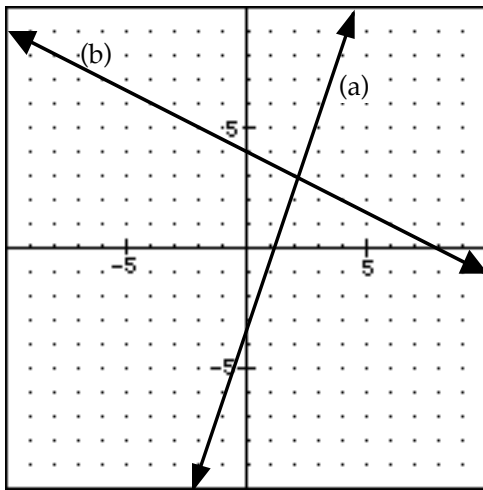
2. 67, 133

4. 185 kg

6. $72 - 50\sqrt{3}$

8. 1.5×10^{-13}

10.
$$\frac{m^2 - 3ax - a^2 mx}{a^2 x^2}$$



12.

14. $y = \frac{7}{3}x - \frac{8}{3}$

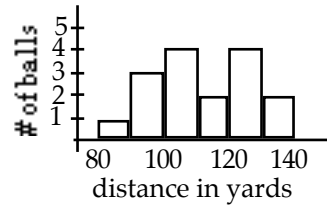
16a. $f(x) + f(h) = 6x + 6h - 6$

b. $f(x + h) = 6x + 6h - 3$

18. 15,120

20a. $P(g, y) = \frac{15}{64}$

b. $P(g, y) = \frac{1}{4}$



22.

37.5%

24. $SA = (624 + 108\pi) \text{ in}^2$
 $\approx 963.292 \text{ in}^2$

26. $4x^6 y^2$

28. $x = 24$

30. 0