

Problem Set 18 — Even Answers

2. 17,150 sheep

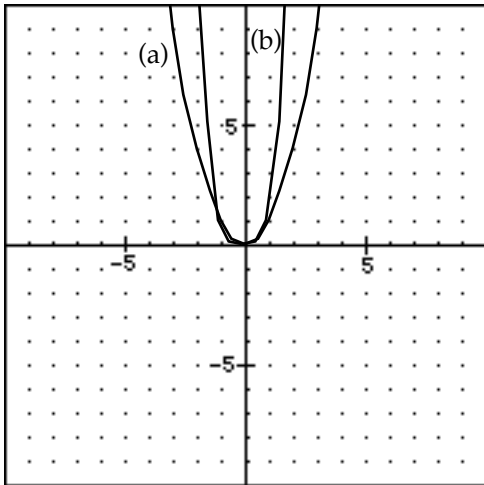
4. 11, 13, 15

6. (10, 18)

8. (3, 4)

10.
$$\frac{4x + c - cx^2y}{x}$$

12. $AB = 3 \text{ in}$
 $DC = \sqrt{97} \text{ in} \approx 9.849 \text{ in}$
 $A = 18 \text{ in}^2$



14.

16a. $x = -5$

b. $y = 4$

c. $y = -3x + 6$

18. $y = -x + 1$

20. $A = 15,$ $B = 15$
 $C = 30,$ $D = 30$

22. 6 cm

24. $-x^3y^{-1} + \frac{x^2y^{-2}}{3}$

26. $x = -\frac{1}{5}$

28. $x = \frac{3}{8}$

30. -21