

Problem Set 10 — Even Answers

2. -3

4. 198 tons

6. 70 workers

8. 48°

10. $r = \frac{45}{\pi} \text{ cm} \approx 14.324 \text{ cm}$

12. $(16 + 2\pi) \text{ ft} \approx 22.283 \text{ ft}$

14. $x = 76, \quad y = 52$

16. $y = -\frac{13}{7}$

18. $y = -10$

20. $y = 2A$

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

24. $x = 40, \quad y = \frac{122}{3}$

26. $5x^2y^{-1}$

28. $36x^{11}y^{11}$

30. $-\frac{1}{9}$