

Problem Set 9 — Even Answers

2. 24 ducks

4. 5000 kg

6. 40,000 Tartars

- 8a. complementary
b. vertical
c. supplementary

10. $RT = 12$

12. $x = 45,$ $y = 70$

14. $a = 120,$ $b = 30$
 $c = 40$

16. $x = \frac{9}{2}$

18. $x = 28$

20. $x = \frac{8}{5}y - \frac{14}{5}$

22. $x = \frac{73}{3}$

24. $\frac{6y^{25}}{x^{13}}$

26. $-6p^2x + 3p^2$

28. $-\frac{1}{16}$

30. -20