

7. 12.407 inches. 8. (a) 9, (b) 27. 9. (a) 4, (b) 16.
 10. (a) $\sqrt{2}$, (b) $2 \times \sqrt{2}$.
 11. $70\frac{10}{17}$ inches. 12. 58 miles.
 13. 374.12 square inches. 14. .00084.
 15. 347.18 square feet. 16. 36.14 square inches.
 17. 70.22 inches.

EXERCISE XLIII. (PAGE 178.)

1. 25.9325 sq. metres. 2. 201.945 miles. 3. 4.48 litres.
 4. 125664 ares. 5. 7068.6 cm. 6. 21598.5 cub. m.
 7. 40447 Km. 8. 628.32 Kg. 9. 3.938 metres.
 10. 1121 mm.

EXERCISE XLIV. (PAGE 183.)

1. (a) 12. (b) 9. (c) 8.
 2. (a) -2. (b) -4. (c) -9. (d) + ϵ . (e) -3.
 3. (a) 8050.82. (c) .000361840. (e) 262.563.
 (b) 16.2883. (d) 24269400000000.
 4. 1658.0. 5. 152.4156. 6. .0355.
 7. .065457. 8. 11.1568. 9. 25.362.
 10. .00340718. 11. 385.895.
 12. A square mile $\times$ 2.4679. 13. 1417.0.
 14. 1.306447. 15. 18.3793 cubic feet.

EXERCISE XLV. (PAGE 186.)

1. (a) 36.082. (c) .000078105. (e) .31831.
 (b) .00037976. (d) 7.9578.
 2. .0243178. 3. 43.600. 4. 292.23.
 5. 14753.9. 6. 1.0780206.