

- Exercise XXXIX.**—(Page 68).—1. 75000 sq. ft. 2. 90 sq. yds.
 3. 540000. 4. 30.25 sq. in. 5. \$1500.
- Exercise XL.**—(Page 69).—1. 400 sq. ft. 2. 500 sq. ft.
 3. \$700. 4. \$1388.42+. 5. $1\frac{1}{3}\frac{1}{3}$.
- Exercise XLI.**—(Page 70).—1. 251.328 ft. 2. 94.248 ft.
 3. 973.896 yds. 4. 500 ft. 5. 30.
- Exercise XLII.**—(Page 71).—1. 706.86 sq. ft.
 2. 5026.56 sq. meters. 3. 4.90875 sq. ft. 4. 6.324 yds.
 5. 20 rods. 6. 78.54 sq. rods. 7. 28.28+ yds. 8. 113.0976 sq. yds.
 9. 1256.64 sq. ft. 10. 314.16 yds.
- Exercise XLIII.**—(Page 72).—1. 36 b. ft. 2. $22\frac{1}{2}$ b. ft.
 3. $50\frac{1}{2}$ b. ft. 4. $52\frac{1}{2}$ b. ft. 5. $16\frac{1}{2}$ b. ft. 6. $97\frac{1}{2}$ c. 7. $937\frac{1}{2}$ b. ft.
 8. \$16.632. 9. $266\frac{1}{3}$ b. ft. 10. \$18.20.
- Exercise XLIV.**—(Page 74).—1. 2245.83+ cu. ft.
 2. 2.37+ cu. yds. 3. $4\frac{1}{2}$ cords. 4. 1081.6 cu. ft. 5. 600 cu. ft.
 6. \$28.444. 7. 31.41+ cu. yds. 8. 61.18 cu. yds. 9. 6730.67 gals.
 10. 23800 liters.
- Exercise XLV.**—(Page 75).—1. 25.1328 cu. ft. 2. 1178.1 cu. ft.
 3. 132.1+ bus. 4. 4.8+ bus. 5. 440.52 gals.
- Exercise XLVI.**—(Page 76).—1. 147 cu. yds. 2. 628.32 cu. ft.
 3. $17\frac{2}{3}$ cu. yds. 4. 269.3922 cu. ft.
- Exercise XLVII.**—(Page 77).—1. 904.7808 cu. in.
 2. 24129.08 cu. ft. 3. 1212.03+ lbs.
- Examination Paper, No. 7.**—(Page 77).—1. $\frac{1}{2}$. 2. 1.191016.
 3. \$2.80. 4. .0003. 5. 2023 lbs. 6. 305.58 yds.
 7. A \$15; B \$20; C \$24. 8. 31.416 inches. 9. 78.54 sq. in.
 10. 3067.96 lbs.
- Examination Paper, No. 8.**—(Page 78).—1. \$20000.
 2. $4\frac{1}{2}$ days. 3. 24.8 bus. 4. \$4600 and \$5000.
 5. A's \$750, B's \$400. 6. \$336.22. 7. \$14.76. 8. \$11.62+.
 9. $31\frac{1}{3}$ rods. 10. 5.138+.
- Examination Paper, No. 9.**—(Page 79).—1. \$0.39. 2. 6%.
 3. $3\frac{1}{2}$ days. 4. $16\frac{2}{3}$ hours. 5. A \$1200; B \$1400; C \$2000.
 6. \$595.508. 7. 2274 sq. ft. 8. 1363 sq. ft. 9. 4645.6+.
 10. 62.832 ft.
- Exercise XLVIII.**—(Page 81).—1. 8.8. 2. 1.91. 3. 2.288.
 4. 3. 5. 6. 6. 5. 7. 7.65. 8. 11.3. 9. 2.65. 10. 2.56 Al.
 11. 1.65. 13. .3. 14. .4. 17. 1.5288^F. 18. 310.8^{kg}.
 19. 9.52T. 20. 10.5^{kg}. 22. 1201.42^o lbs. 23. 18 ton 136.125 lbs.
 24. 1563.0975 lbs. 25. 1998^{kg}.
- Examination Paper, No. 10.**—(Page 83).—1. 726 lbs.
 2. Large 3, Small 16. 3. 20 loads. 4. 18.4. 5. \$10.23. 6. 720.
 7. 727.2 lbs.; 280 tons 250 lbs. 8. $59\frac{2}{7}$ cu. yds. 9. \$33.124.
 10. Donald 7; Allister 1.
- Examination Paper, No. 11.**—(Page 84).—1. 237500.^{0.000007}
 2. \$53. 3. 2; 28800. 4. 1. 5. $56\frac{1}{3}\frac{1}{4}$ sovs. 7. .001625.
 8. Half a cent; \$8.75. 9. 249 lbs. 10. $37\frac{1}{3}\frac{1}{4}$ cu. ft.