

ANSWERS

- Page 323.** — 1. $26\frac{1}{2}$ sq. in. 2. $1810\frac{1}{2}$ sq. cm. 3. $201\frac{1}{2}$ sq. in. 4. \$2.04.
5. \$1026.01.
- Page 324.** — 1. 76 cu. in. 2. $1006\frac{1}{2}$ cu. dm. 3. 440 bu. 4. 1926 gal.
- Page 325.** — 1. $54\frac{1}{2}$ cu. ft. 2. $600\frac{1}{2}$ cu. m. 3. $12,445\frac{1}{2}$ lb. 4. 18,800 cu. ft.
- Page 326.** — 5. 7200 lb. 6. $89,042,690$ cu. ft. 7. $14\frac{1}{2}$ cu. ft.
8. $480\frac{1}{2}$ cu. cm. 9. $179\frac{1}{2}$ cu. in. 10. $1437\frac{1}{2}$ cu. in.; 61.0 lb. 11. $20,605\frac{1}{2}$ lb.
- Page 328.** — 1. 6 in. 2. 20 sq. in. 3. 10 in. 4. 1:9. 5. 9 sq. ft.; $3\frac{1}{2}$ sq. ft. 6. As 1:10. 7. 6 cm., 10 cm., 12 cm. 8. 4. 9. 20 ft. 10. 160 ft.
- Page 329.** — 12. 1000 ft.
- Page 330.** — 1. 1:2; 972 cu. ft.; 8; 7776 cu. ft. 2. 1:3; by multiplying
by 27; 1st, $134\frac{1}{2}$ cu. ft.; 2d, $3020\frac{1}{2}$ cu. ft. 3. 240 cu. in. 4. 12 cu. ft.
5. 0 ft. 6. $3\frac{1}{2}$ times. 7. 270 lb. 8. 91 cu. dm. 9. $82,298\frac{1}{2}$ gal.
- Page 331.** — 1. $\$1704.00$. 2. 8%. 3. 1088 doz. pairs. 4. $832\frac{1}{2}$ lb.
5. Second; $\$20.20$. 6. $\$211.14$. 7. 320 doz. pairs.
- Page 332.** — 5. 8040 doz.; 8000 doz. 10. 4 or $4\frac{1}{2}$, $11\frac{1}{2}$ doz.; 6 or $6\frac{1}{2}$,
 $9\frac{1}{2}$ doz.; 6 or $6\frac{1}{2}$, $8\frac{1}{2}$ doz. 11. 60 lb. 12. $\$1.40$. 13. $7\frac{1}{2}$ doz.; 18¢ per
doz.; $\$1.82$. 14. $\$420$. 15. $\$680$. 16. 4", 7472 doz.; 4", 12,160 doz.;
5", 17,848 doz.; 5", 10,208 doz.; 6", 11,088 doz.; 6", 6032 doz.; white,
20,784 doz.; black, $30,408$ doz.; colored, $18,616$ doz.; total, $70,808$ doz.
- Page 333.** — 17. $14,062$ lb. 18. $14,240$ lb. 19. $\$17,800$. 20. $37,988$ lb.
21. $\$48,370.95$. 22. $\$66,170.06$. 23. $\$20,007.04$; $\$84,077.00$.
24. $\$108,420.80$. 25. $\$127,808.44$. 26. $\$205.53$. 27. $\$19,047.17$; 18.1%.
- Page 334.** — 28. 24%. 29. $\$1440$. 30. 22.5%. 31. $8\frac{1}{2}$ M.; 86 pf.
32. 4s. 2d. 33. Am.; $\$4.186$. 34. Am.; $\$4.480$; Eng. $\frac{1}{2}$; Am., $\frac{1}{2}$.
35. $\$226.70$. 36. $\$86.40$. 37. 108 pencils.
- Page 335.** — 55. $289,580$ sq. ft. 56. $69,760$ cords; $62,000$ T. 40. $312,500$ sq. ft.
41. 4000 trees. 42. In order: $950,924,400$ lb.; $202,238,600$ lb.; $78,980,000$ lb.
43. $32,632,645.5$ bu. 44. 45%. 45. $\$351,000$. 46. $\$68.40$. 47. $\$2,107,460$.
- Page 336.** — 48. $\$171$. 49. $\$2940$; $54\frac{1}{2}$. 50. $\$30.00$. 51. $\$17.28$; 80%; 12%.
52. $\$22.40$; $\$40.82$; $\$17.92$; 80%; $\frac{1}{2}$. 53. 22.25 bu. 54. $100,100$ images.
55. 190 beats per sec.; 330 beats per sec.
- Page 337.** — 56. 3000 m.; 30 cm. 57. $\$400$. 58. $\$2.37$. 59. $\$7044.60$.
60. In order: 180 ft. $\frac{1}{2}$ in.; 65 ft. $4\frac{1}{2}$ in.; 22 ft. $1\frac{1}{2}$ in.; 160 lb.; 9 yd. 1 ft. 1 in.;
388.75 ft.; 7½ ft. less.
- Page 338.** — 61. 65 gal. 62. $\frac{1}{2}$ p. 63. 1st class, 10 pf. or 2.3¢;
2d class, 0 pf. or 1.5¢; 3d class, $\frac{1}{2}$ pf. or 1¢. 64. $4\frac{1}{2}$ M. 65. 8818.26 ml.
66. 1050 ml. 67. 39 min. $6\frac{1}{2}$ sec. after ~~10:10~~ ~~10:10~~ 68. 70.104 in. 69. $\$410.13$.
70. In order: 131 ft. 2.8 in.; 2 ft. $80\frac{1}{2}$ in.; 22 ft. 11.69 in. 71. $82\frac{1}{2}$ ° F.
- Page 339.** — 72. £226.46. 73. £35.760. 74. $\$172$. 75. $\$61,565.28$.
76. $609,477.252$ -Kg. 77. 130. 78. $\$228$; $26\frac{1}{2}$. 79. 5.35 T.; $\$0.025$.
- Page 340.** — 80. 43.10%. 81. $\$4810$. 82. $\$45.82$. 83. $\$1000$. 84. 1%.
85. $\$157.50$. 86. $\$6502.50$. 87. $\$62.50$. 88. $\$82,928$.
- Page 341.** — 89. $\$252.45$. 90. 10.04 mills. 91. $\$1904$. 92. 3640 M.; $\$866.32$.
93. $\$3263.00$. 94. 35:44. 95. $\$1339.635$. 96. $2\frac{1}{2}$ oz. 97. 9600 coins.
98. $\$160.447$. 99. $412\frac{1}{2}$ gr.
- Page 342.** — 100. 1 hr. 2 min. 101. $\$1.75$. 102. $\$1.78$.
103. $\$18,921,470.76$. 104. $\$1200$. 105. $\$27,525$. 106. $11,190,000$ sq. mi.
107. $\$3,986,678.57$. 108. 72 ft. 109. 405 ft. 110. $82,812\frac{1}{2}$ cu. ft.