

loses \$5.20. 70. 800 rd. or 4400 yd. 71. (1) \$1147248.24.
 (2) 14734037013. (3) 17276, 58518, 100625, 502536,
 2610. (4) 1043, Rem. 24. 72. $\frac{3}{4}$. 73. 107.0064. 74. 264
 yd. 75. \$100.75. 76. 6%. 77. \$762.30. 78. \$490. 79.
 480 ac. 80. \$25.08. 81. \$726. 82. 8%. 83. 300 ac. 84.
 46 $\frac{3}{4}$ ml. 85. \$28.87 $\frac{1}{2}$. 86. \$16. 87. 3 min. 36 sec. past 3
 o'clock. 88. 4 min. 47 sec. 89. A, \$1312. B, \$574. 90.
 \$20187.50. 91. $\frac{3}{4}$. 92. 42 in. 93. 56. 94. \$16. 95. 8 $\frac{3}{4}$ ft.
 96. \$900. 97. 40%. 98. \$16800. 99. The wood costs me \$12
 per 36 days or \$13.33 $\frac{1}{4}$ per 40 days. The coal costs me \$11.50
 per 40 days. 100. 8716.3 bu. 101. 1. 102. (b) 512. Rem.
 .03. 103. \$4988 $\frac{1}{4}$. 104. Loss 25%. 105. \$27.54. 106. (a) 60
 cts. per \$100. (b) \$20.23. 107. (a) 93.6 da. (b) If the men
 were paid 22 cts. per hour the difficulty in the digging would
 make no difference. The money would be earned in $\frac{5}{8}$ of the
 time. If the men were paid in proportion to the digging they
 would earn but 11 ct. an hour. In this case the men would take
 $\frac{5}{8}$ as long, or 156 da. 108. (a) 13 $\frac{1}{3}$ %. (b) \$4.57 $\frac{1}{2}$ per ac.
 109. \$415400. 110. (a) \$5.76. (b) If paper is placed from
 end to end of the ceiling the cost would be \$4.15. If paper is
 placed from side to side of the ceiling the cost would be \$4.02.
 (Note that the width of the room is 24 ft. 8 in.) 111. Columns
 —\$24178.16, \$21885.65 and \$13281.46. Lines—\$7553.15,
 \$4689.80, \$1857.55, \$473.42, \$2995.76, \$2240.80, \$801.72,
 \$2051.70, \$1536.30, \$2138.10, \$8737.57, \$1718.14, \$593.05,
 \$900.96, \$5467.23, \$8441.68, \$2038.45, \$2567.10,
 \$1058.27, \$1484.52. Totals, \$59345.27. 112. \$62.53.
 113. 11 $\frac{1}{4}$ %. 114. 27.9% of his investment. 115. \$4.94 $\frac{3}{4}$.
 116. At the end of six months \$6 would be worth \$6.18.
 Had I taken the credit price I should have been the loser
 by \$6.40—\$6.18, or 22 cts. Again, the present value of a
 \$6.40 credit is \$6.21, which would be 21 ct. in advance
 of the cash price, \$6. 117. (1) 240115, 220455, 563282.
 (2) 76655, 35561 and 25625. (3) 579.88392, 12869439.
 (4) 756. (5) 15. (6) 125 and 12.1. 118. 123 yd. 119. 539
 sq. ft. 120. 91 cts. 121. (1) 60264. (2) The work of