

counted at bank at 6 per cent.: what are the proceeds?

*Examination III. June 14, 1867.*

49. Express in figures MDXXXVCDLXXXIX.
50. Perform the operations indicated as follows:—
51. Numerate (or express in words) 90067236708.
52. What is the sum of 3912, 361, 40005, 98, 7368-63, 8342, 2900687, 9, 4000862, 28?
53. If two persons start from the same place, and travel in the same direction, one 7 and the other 11 miles per hour, at the rate of 9 hours per day, how far apart will they be at the end of the 17th day?
54. What is the amount due on the following bill of parcels:

ALBANY, June 1, 1866.

JOHN BARNES,

Bought of NATHAN HADLEY & Co.,

16 lb. tea, @ 1.05	-	-	-	-\$
18 lb. sugar, @ .14	-	-	-	
25 lb. rice, @ .09	-	-	-	
15 yd. linen, @ .66	-	-	-	

	CR.		\$
By balance of account,	-	-	2.48

Balance due,	-	-	\$
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Received payment, N. HADLEY, & Co.

55. State the process of reducing inches to leagues.
56. How many bu. will a box 8 ft. long, 4 ft. wide, and 3 ft. high contain?

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57. Add  $\frac{3}{8}$ ,  $\frac{2}{3}$  and  $\frac{17}{101}$ .
58. Reduce 1049-8392 to its lowest terms.
59. Give the rule for reducing fractions having different denominators to equivalent fractions having the least common denominator.
60. Multiply  $18\frac{5}{8}$  by  $7\frac{1}{2}$ .
61. Express in figures, forty-seven, and twenty-one hundred-thousandths.
62. Divide 2019.86928 by  $30\frac{1}{25}$ .
63. If 9 men cut 150 acres of grass in 18 days, how many will do the same work in 27 days?
64. If 500 copies of a book containing 210 pages require 12 reams of paper, how much will 1,200 copies of a book of 280 pages require?
65. What is the value in currency of \$865 in gold, when the latter is selling at 131 per cent?
66. What is the interest on \$200 for 3 years and 10 months, at 7 per cent?
67. In what time will a sum of money double itself at an annual interest of 5 per cent?
68. What is the face of a note at 30 days, which yields \$500 when discounted at bank, at 7 per cent?
70. Extract the square root of .0043046721.
71. Involve 1.06 to the 4th power.
72. What debt can be discharged in a year by weekly payments in arithmetical progression, the first being \$24, and the last \$1,224?
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*Examination IV. Nov. 8, 1867.*

73. Express words in 2584503962047.
74.  $2468 + 13579 + 100 + 6042 + 187 + 19 = ?$