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

Examination III. June 14, 1867.

49. Express in figures MDXXVCDLXXXIX.
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. $ 2.48

By balance of account, - - - -

Balance due, - - - - $

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?
57. Add $\frac{3}{5}$, $\frac{1}{2}$, and $\frac{1}{10}$.
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 $18\frac{3}{4}$ by $7\frac{1}{2}$.
61. Express in figures, forty-seven, and twenty-one hundred-thousandths.
62. Divide 2019.86928 by $30\frac{1}{2}$.
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?
69. Extract the square root of .0043046721.
70. Involve 1.06 to the 4th power.
71. What debt can be discharged in a year by weekly payments in arithmetical progression, the first being $24, and the last $1,224?

Examination IV. Nov. 8, 1867.

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