

EAST MIDDLESEX SCHOOLS.

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FOURTH AND FIFTH FORMS.

ARITHMETIC.

1. Write as one number the following expression : Four hundred and seventy-nine millions five thousand and seven, and sixty-seven thousand two hundred and nine tenths of trillionths.
2. Find L. C. M. 2, 6, 5, 10, 8, 12, 15, 16, 18, 20, 26, 36, 40, 50.
3. Find value of $18\frac{3}{4} + 6\frac{1}{4} - 9\frac{1}{4} + 11\frac{1}{2} - 16\frac{3}{8} + 14\frac{1}{8} + 1\frac{1}{2}$.
4. Reduce 9134178 inches to miles, &c.
5. A farmer rented a farm for three years for \$300 per year. Supposing him to start farming with \$1000 worth of stock, and to have spent during the three years \$500 in implements, \$275 in hired help, and \$1000 in family expenses ; and to have sold during the same time
1027 bush and 20 lbs. wheat @ \$1.17 $\frac{1}{2}$ bush.
67 tons and 750 lbs. hay @ \$16 $\frac{1}{2}$ ton.
360 bush. oats @ $33\frac{1}{2}$ cents $\frac{1}{2}$ bush.
97600 lbs. milk @ $7\frac{1}{2}$ cents for 10 lbs.
and at the end of the time to have sold, stock \$1400, implements \$120. How much did he save ?
6. Define "ratio."
7. Give the rule for reduction ascending.

GRAMMAR.

1. Name and describe the different kind of verbs.
2. Describe the different circumstances under which a noun is in the nominative case.
3. What is a participle ? Give all the active participles of the verb "to love."
4. Parse the words in italics in the following sentence :
"No one who is in the least *interested* in education *can fail to notice*, that the Reading-Books used in High Schools are daily *becoming* more exclusively scientific in their contents."

GEOGRAPHY.

1. Name the principal countries of Europe and their capitals.
2. Describe the course of each of the great rivers of Asia.
3. What is an isthmus ? Name the most remarkable.
4. Name the principal countries of North America, with their relative positions, and the most remarkable rivers flowing through each.

HISTORY AND COMPOSITION.

1. Narrate the principal events in the history of Britain from A. D. 449 to A. D. 1066.
2. Name the Kings of England from A. D. 1066 to A. D. 1399, stating the house to which they belong.
3. Write a letter to me, stating your intention of competing for the prizes offered, and also telling me the studies in which you are engaged, and what books you have lately read, who were the authors of those books, the subjects of them, &c., &c.