

2. Write Avoirdupois weight.
Express 1 cwt. 2 qrs. 15 lbs., in Troy Weight.
3. In 2784583 inches how many miles, furlongs, poles, &c., are there? Find how long a man going at the rate of 4 miles an hour would take to walk the number of miles, &c., in your result?
4. Define the least common multiple and the greatest common measure of two numbers. If the greatest common measure of two numbers be 103, and their least common multiple be 14729, find the numbers.
5. Define a vulgar fraction. Distinguish between a vulgar and a decimal fraction. Multiply together, expressing the resulting fraction in its lowest terms, $1\frac{3}{11}$, $\frac{9}{14}$, $\frac{4}{7}$, $9\frac{5}{12}$, and $11\frac{6}{13}$.
6. Divide $\cdot 238095$ by $\cdot 3428571$, and extract the square root of the quotient.

PAPER XV.

1. Write square or land measure. How many square inches in 2 ac. 3 r. 5 p. 5 yds.?
2. Define simple interest and amount. At what rate per cent. per annum will a sum of money double itself at simple interest in 10 years?
3. A school section is valued at \$13740. The section is required to raise by rate a sum of \$820.40. What is the rate per \$1
4. A person invests \$6477 in the 6 per cent. Dominion of Canada stock at $101\frac{1}{4}$, and when it has risen to 106 he sells out and invests the proceeds in a $4\frac{1}{4}$ per cent. stock at 70. Find gain or loss in income.
5. A bill on London for £960 stg., costs \$4640. What is the rate of exchange?
6. What will a bill on London for £1620 cost in Toronto, exchange at $109\frac{1}{2}$, commission $\frac{1}{2}$ % extra?