

1012. What is the present worth of a note for \$1315.39, due in 2 years and 6 months, at 7%?

1013. Sold a horse for \$91, which was $\frac{7}{8}$ of what he cost me. How much did I lose?

Examination XLI, Feb. 26, 1880.

1014. The quotient of one number divided by another is 37, the divisor 245, and the remainder 230; what is the dividend?

1015. Two men start from different places, distant 189 miles, and travel toward each other; one goes 4 miles, and the other 5 miles an hour; in how many hours will they meet?

1016. A merchant sold 18 barrels of pork, each weighing 200 pounds, at 12 cts. 5 mills a pound; what did he receive?

1017. Suppose a certain township is 6 miles long and $4\frac{1}{2}$ miles wide, how many lots of land of 90 acres each does it contain?

1018. What are the prime factors of 1800?

1019. Find the greatest common divisor of 1426, 322, and 598.

1020. What is the least common multiple of 9, 17, 6, and 27?

1021. Add $21\frac{1}{7}$, $32\frac{3}{8}$, and $47\frac{5}{14}$.

1022. $\left\{ \begin{array}{l} \text{Reduce } \frac{18 \div \frac{1}{5}}{9 \times \frac{1}{4}} \text{ to its simplest form.} \end{array} \right.$

1023. How many times is .12 of 12 contained in .24 of 72?

1024. How many pounds of coffee, at $33\frac{1}{2}$ cents per pound, can be bought for \$14.50?

1025. What is the cost of 2684 bricks, at \$8.50 per M?
1026. Required the number of pounds in a hogs-head of sugar, weighing 18 cwt. 3 qr. 14 lb.
1027. Reduce $\frac{5}{13}$ of a ton to integers of lower denominations.
1028. Sold a quantity of merchandise that cost \$1670, at a loss of 3%: for what amount did I sell it?
1029. A house was sold, at an advance of 5% on the cost, for \$13,000: what was the cost?
1030. What is the interest of \$475, for 3 years, at 5% simple interest?
1031. Required the amount of \$1350, from January 12, 1880, to September 19, 1881, at 9% simple interest.
1032. What sum of money at 5% simple interest, will yield \$275.40 in 3 years and 4 months?
1033. In what time will \$3750 amount to \$4541.25 at 6% per annum?
1034. What is the present worth of a debt of \$1650, due 8 months hence, without interest, money being worth 6%?
1035. What is the difference between true and bank discount on \$1000, for 63 days, at 6%?
1036. Sold flour at \$10.45 per barrel, and thereby lost 5% of the cost: what was the cost per barrel?
1037. Suppose a railroad train to run at the rate of 20 miles in 50 minutes, in what time will it run 275 miles?
1038. What will be the wages of 9 men for 11 days, if the wages of 6 men for 14 days be \$84?
1039. Find the square root of 149.4, correct to three decimal places.
1040. What is cube root?
1041. Required the cube root of 1860867.