

2. The product of two numbers is 1,014 ; the L. C. M. of the numbers is 78. Find the numbers. *Ans. (a) 13 ; (b) 26, 39.*

3. When 522 is taken from the dividend the quotient becomes 178. When 348 is added to the dividend the quotient becomes 183. Find the dividend. *Ans. 31,494.*

4. A turnkey hired with a jailor for a year and was to receive \$364 with a house. He left the service of the jailor at the end of 9 months upon receiving \$264 and the house for the full time. Find the rent of the house per month. *Ans. \$3.*

5. A merchant marks his goods at an advance of $\frac{1}{3}$ on cost, but he allows a customer $\frac{1}{10}$ off his bill as discount. The customer, however, fails, and pays only $62\frac{1}{2}$ cents on \$1. The merchant thus falls short of his marked price by \$7. Find the cost of the goods. *Ans. \$12.*

6. A farmer has money enough to buy 10 bushels of wheat @ \$1.12 per bushel ; but he decides to spend his money in buying a certain number of bushels of wheat, and one-third as many bushels of oats at one-third as much per bushel. How many more bushels of grain does he get by this latter plan ? *Ans. 2 bushels.*

8. A steamer runs at the rate of 13 miles per hour in still water. It goes down a river a certain distance and up again in two hours, spending 3 minutes in making the turn. If the river runs at the rate of 3 miles per hour find the distance to the turning point. *Ans. 12 miles.*

8. A man has invested in one company \$2500 @ a certain rate %, and \$475 less in another company @ 1% less than the former rate. His whole income is \$341.75. Find the rates. *Ans. 8%, 7%.*

9. A room, which is 20 ft. long and 15 ft. wide, contains $101\frac{1}{2}$ tons of ice. If ice be $\frac{1}{10}$ lighter than water, of which 1 cub. ft. weighs 1,000 oz. Avoir., find the height of the room. *Ans. 12 ft.*

10. There are two fields each containing $22\frac{1}{2}$ acres, the one in the form of a square, the other in the form of a rectangle whose

length is $3\frac{1}{2}$ times its breadth. Find the difference in the cost of fencing the fields @ \$2.50 per rod. *Ans. \$50.*

EDUCATION DEPARTMENT, ONTARIO.

JULY EXAMINATIONS, 1880.

First Class Teachers—Grade C.

ENGLISH GRAMMAR.

Examiner.—J. F. White.

NOTE.—80 per cent. will form a full paper, but special importance will be attached to the answering of 1, 6, 8, 10. The literary form of the answers will be considered.

1. That *day* Sir Lancelot at the palace craved Audience of Guinevere, *to give* at last The price of half a realm, his costly gift, *Hard-won* and hardly won with bruise and blow,
With deaths of others, and almost his own,
The nine-years-fought-for diamonds ; for he saw
One of her house, and sent him to the Queen
Bearing his wish, *whereto* the Queen agreed
With such and so unmoved a majesty
She might have seem'd her statue, but that he,
Low-drooping till he well nigh kiss'd her feet
For loyal awe, saw with a sidelong eye
The shadow of a piece of pointed lace,
In the Queen's shadow, *vibrate* on the walls,
And parted, *laughing* in his courtly heart.
All in an oriel on the summer side,
Vine-clad, of Arthur's palace *toward* the stream,
They met, and Lancelot kneeling utter'd,
" Queen,
Lady, my liege, in whom I have my joy,
Take, what I had not won except for you,
These jewels, and make me happy, making them
An armlet for the roundest arm on earth,
Or necklace for a neck to which the swan's
Is tawnier than her cygnet's."

(a) Divide into propositions, showing their kind and relation, l. 10 to end.

(b) State the relation and part of speech of the words in italics.

(c) Give clearly the relation and function of the following phrases :—" At the palace " ;