

5. How many square yards are there in 123 acres 17 per.
  6. Three men bought a horse. The first paid \$28 $\frac{1}{2}$ ; the second, as much as the first and \$20.25; the third paid as much as the other two. What was the cost of the horse?
  7. Four apples cost as much as five pears, and ten pears cost 20 cents. Find the cost of one dozen apples and one-half as many pears.
  8. Find the cost of 1700 lbs. of oats at 42 cents per bushel.
  9. If I buy 11 $\frac{1}{2}$  yds. of cotton at 8 cents a yard, 12 lbs. of sugar at 10 $\frac{1}{2}$  cents per pound, 5 lbs. of butter at 22 cents per lb. How much change ought I to get from a \$4 bill?
  10. The quotient is 840, the divisor 950, and the remainder 168. What is the Dividend?
- Values—10 each.

## ARITHMETIC.—CLASS IV.

(ALL THE WORK MUST BE PUT DOWN. NO VALUE GIVEN FOR ANSWERS ONLY.)

1. Define factor, decimal, notation, prime number, interest.
  2. Divide the sum of  $3\frac{1}{2}$  and  $2\frac{3}{5}$  by their difference; add the quotient to the difference between  $5\frac{5}{21}$  and  $3\frac{1}{2}$ , and divide the result by  $\frac{1}{12}$ .
  3. Find the number of square feet of inch boards required to make a box 6 ft. long, 3 ft. wide and 2 ft. high outside measurement, not allowing anything for waste.
  4. Divide .00281 by .00145, decimally. Prove the correctness of your work.
  5. A farmer bought a yoke of oxen and paid \$50 down, which was  $\frac{7}{6}$  of the price. How many cords of wood at \$3 per cord will it take to pay the balance?
  6. The perimeter (sum of the four sides) of a room is 120 feet, and the width is two-thirds of the length, find the cost of carpeting the room with 30 in. carpet at \$1.20 per yard.
  7. Find the cost of pickets for fencing a field 40 rods by 60 rods, the pickets 3 in. wide and 3 in. apart, at 4 pickets for 5 cents.
  8. A. gives \$5 for hay at \$9 per ton; B. gives \$7 for some at \$12 per ton. How many pounds more does one get than the other?
  9. What is due on a note for \$57.60 after 1 year and 5 months, at 8% simple interest?
  10. Reduce 5 ft. 11 in. to the decimal of a mile.
  11. Find how many bushels the box mentioned in No. 3 would contain, allowing 2150.4 cubic in. to a bushel.
- Values—10 each. The first 10 to be considered a full paper.

## GRAMMAR.—CLASS IV.

1. Define relative pronoun, antecedent, adverbial phrase, mood, voice.
  2. Analyze:—"Soon after his apprenticeship had expired, he found employment as foreman in a printing office; and in this situation he remained five or six years, with scarcely a hope for any advancement."
  3. In the foregoing passage parse:—Soon, after, he, apprenticeship, foreman, this, remained, years, hope, higher.
  4. Write the past indicative and past participle of the verbs—sit, ride, come, write, smile, go, forsake, know, lay, speak.
  5. Correct the following:—  
(a) Him and her was of the same age. (b) We was not there when he done it. (c) Mary don't know why John has went away. (d) She is as old as me but I am taller than her. (e) Every person must bear their own burden.
  6. Give the 3rd person singular of each tense of the indicative and subjunctive moods of the verb to be.
  7. Name the silent letters in each of the following words, and spell the words phonetically, that is according to sound:—though, heaven, beauty.
- Values—1—10; 2—15; 3—20; 4—20; 5—20; 6—15; 7—10.  
See (14) of Regulations. The first six a full paper.

## GRAMMAR.—CLASS III.

1. Tell what part of speech each word in the following sentences is:—"I once saw a little family of tiny squirrels at play in spring and they ran into a hollow log."
  2. What is a noun, verb, adjective, pronoun, adverb?
  3. Write the following words so that they may mean more than one of each;—man, horse, lady, woman, child.
  4. Divide the following into noun part and verb part:—  
(a) Soft and serene is the moon's pale light.  
(b) In the beginning, God created the heavens and the earth.  
(c) On the bank of the river stood an old log house.  
(d) Out of the abundance of the heart, the mouth speaketh.  
(e) The leaves have fallen from the trees.
  5. Write sentences each of which shall contain one of the following words:—bright, sour, early, letter, nest, danger, idle, fifty, frozen, to learn.
  6. Correct the following:—(a) I have came to school. (b) He done his sums right. (c) Mo and Robert was there. (d) Helen gets her lesson good. (e) He would have went with you. (f) Sarah made her and I a visit. (g) She seen the danger. (h) John and him are good boys.
  7. Name the cases of nouns, the degrees of comparison, the genders.
- Values—1—20; 2—10; 3—10; 4—20; 5—10; 6—20; 7—10.  
See (14) of Regulations.

## GEOGRAPHY.—CLASS II.

1. Tell what a river is; a valley; a canal; a mountain; an island; a hill; a lake; a village; a map.
  2. Tell the name of the river that runs past the county in which you live. On which side of the county is it? Which way does it run, and where does it go to?
  3. What part of a map is north? South? East? West.
  4. Name the county in which you live? What county lies east of it? West of it? Name the townships in it.
  5. Make a picture of a lake with a river running into it, and an island in it.
- Values—1—20; 2—20; 3—10; 4—10; 5—15.

## GEOGRAPHY.—CLASS III.

1. Define peninsula, cape, bay, river, lake, and draw a map showing each of these divisions.
  2. Draw a map of the county in which you live, showing the townships into which it is divided, and the location of its villages.
  3. Name and tell the positions of each of the five oceans.
  4. Name the counties of Ontario bordering on (a) Lake Ontario; (b) Niagara River; (c) Lake Erie.
  5. Bound North America.
  6. Into what do the following rivers empty:—Ottawa, Severn, Nation, Missouri, Columbia, Assiniboine, Fraser, Moira, Red (2)?
  7. What city at the mouth of the Moira, Ottawa, Hudson, Assiniboine, Fraser?
  8. Where are Hudson Bay, Florida, Vancouver Island, Hamilton, Long Sault, Bay of Quinte, Welland Canal, Bay of Fundy, Patagonia, Ottawa City?
- Values—(7)—5; each of the others, 10.

## GEOGRAPHY.—CLASS IV.

1. Define ecliptic, horizon, orbit, longitude, latitude.
2. Name the counties bordering on Georgian Bay, and on both sides of the Ottawa River.
3. Explain the cause of the varying length of day and night, and illustrate by diagrams.
4. Draw a diagram showing the position of the zones, their names and breadths in degrees.
5. Name the railways passed over in a journey from Montreal to Toronto, (a) via Ottawa and Prescott; (b) via Ottawa and Smith's Falls.