

(b) The product of four consecutive numbers is 43,680. Find them.

Ans. (a) 298; (b) 13, 14, 15, 16.

3. The apples in a barrel can be exactly divided into groups of 13, but when divided into groups of 14, 16 or 20, 12 apples remain in each case. How many apples are there in the barrel?

Ans. 572.

4. At 6.30 o'clock Monday morning, a man begins a journey of 71 miles, 4 fur. 29 per. $1\frac{1}{2}$ ft. His uniform rate per hour is 2 miles, 5 fur. 8 per. 2 yds. 2 ft. How many hours can he afford to rest on the way and yet reach his destination at 12.30 p.m. Tue day?

Ans. 3 hours.

5. A., B. and C. spend \$162, \$297 and \$351 respectively, in buying cattle at the same rate per head. How many head did they purchase?

Ans. 30.

6. A card-receiver weighs 3lbs. $2\frac{3}{4}$ oz. avoird. : If the composition from which it is made be worth 48 cents per oz. troy, find the value of the card-receiver.

Ans. \$35.

7. A. can do a piece of work 16 days, B. in 20 days and C. in 24 days. After working together for 4 days, they call in the assistance of a boy, and the work is completed in $2\frac{3}{4}$ days. If the boy be paid \$2.30 for his share, find how much the whole work was worth.

Ans. \$33.75

8. A. B. C. buy oats at 35 cents per bushel. Barley at 55 cents, and Wheat at \$1 respectively, spending in all \$77. A gets 2 bushels of oats to every 3 bushels of barley B. gets, and every $1\frac{1}{2}$ bushels of wheat C. gets. How many bushels of grain did they buy altogether?

Ans. 130.

9. The distance round a rectangular room is 70 ft. The length of the room exceeds its breadth by 5 ft. Find the cost of covering the floor with carpet 30 in. wide, at \$1.50 per yard.

Ans. \$60.

10. A rectangular lot which is 121 ft. wide, contains $\frac{2}{3}$ of an acre. Find the expense necessary to fence this lot at 99 cents per rod.

Ans. \$43.23.

EAST MIDDLESEX PROMOTION EXAMINATION.

NOVEMBER, 1885.

SPELLING—3RD TO 4TH CLASS.

Value, 87 marks; for every error in spelling, 3 off; in capitals and apostrophes, 2 off; in punctuation, 1 off. Dictate the punctuation marks.

1. He knew not that the chieftain lay unconscious of his son.

2. While o'er him fast, through sail and shroud, the wreathing fires made way.

3. The wretched parents, all that night,
Went shouting far and wide;
But there was neither sound nor sight
To serve them for a guide.

4. The poor little match-girl was still in the corner of the street in the cold New Year's morning. She was frozen to death and a bundle of burnt matches lay beside her. People said "She has been trying to warm herself." But ah, they knew not what glorious things she had seen.

5. She taught me to lisp my earliest prayer
As I knelt beside that old arm-chair.

6. There is not a breath, the blue wave to curl.

7. Colder and louder blew the wind,
A gale from the north-east;
The snow fell hissing on the brine,
And the billows frothed like yeast.

8. John Gilpin was a citizen
Of credit and renown,
A train-band captain eke was he
Of famous London town.

John Gilpin's spouse said to her dear
"Though wedded we have been,
These thrice ten tedious years, yet we
No holiday have seen."

9. The names of the days of the week are Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday.

10. The winter months are January, February and March.

11. We are examined in reading, writing, arithmetic, grammar, geography and composition.

DRAWING.

Time, $1\frac{1}{2}$ hours.

1. Draw a six inch rule one inch wide. Mark on it the inches, half-inches and quarter-inches. *Do not use the ruler.* [12.]