Article 91.

Cancellation.

1. Multiply 28 by 33, and divide the product by 7 times 11.

2. Divide 32 times 51 times 63 by 9 times 16 times 17.

3. How often is $19 \times 18 \times 15$ contained in $81 \times 95 \times 44$?

4. $27 \times 35 \times 48 \times 58$ is how many times $29 \times 56 \times 18 \times 30$?

5. Divide the product of $24 \times 36 \times 69 \times 75$ by the product of $23 \times 50 \times 72 \times 54$.

6. A grocer exchanged 20 doz. jars at 10 cts. apiece for berries at five cents a quart. How many bushels did he receive?

7. A trader exchanged 120 hhds. of tobacco, each weighing 174 lb., at 24 cts. a pound, for 116 bales of cotton, of 160 lb. each. What was the cotton worth per pound?

8. 96 carloads of anthracite coal, of 210 bu. each, worth 18 cts. a bushel, were given in exchange for 168 bls. of sugar, at nine cents a pound. What did the sugar weigh per barrel?

9. How many sods 20 in. long and 16 in. wide can be cut from a lawn 75 ft. long and 64 ft. wide?

10. A pile of wood is 112 ft. long, 12 ft. wide, and 10 ft. high. Find its value, at $4.50 a cord.

11. What would be the cost of carpeting a parlor 24 ft. long and 15 ft. wide, with ingrain carpet, at 65 cts. a square yard?

12. Ten sheets of cardboard, each 3 ft. wide and 4 ft. long, were cut into tickets 2 in. wide and 3 in. long, which were sold at 50 cts. per gross. How much was paid for them?

13. Find the cost of excavating a cellar 25 ft. long, 18 ft. wide, and 6 ft. deep, at 22 cts. 5 mills a cubic yard.

14. If 15 men can do a certain work in 32 days by working 9 hrs. a day, how many men could do the same work in 12 days by working 10 hrs. a day?

15. If 84 men can earn a certain sum of money in 18 weeks, working five days to the week, and 10 hrs. a day, how many hours a day should 105 men work for 15 weeks of six days each to earn the same sum?

16. How many days of nine hours each must 28 men work to earn $1209.60, at 20 cts. apiece per hour?

17. 450 bls. of flour of 196 lb. each, at 3 cts. a lb., were given in exchange for 147 bls. of pork, each weighing 200 lb. What was the value of the pork per pound?

18. A log 2 ft. square at the ends, and 18 ft. long was sawed into palings 36 in. long, 3 in. wide, and 1 in. thick. What was their value, at $1.75 per hundred?

19. How many thousand bricks 8 in. long, 4 in. wide, and 2 in. thick, would be required for a wall 400 ft. long, 5 ft. high, and 1 ft. thick, no allowance being made for mortar?

20. If it require 3072 tiles, each nine inches square, to pave a certain area, how many tiles 16 in. long by 12 in. wide would be required to pave an area twice as large?

21. 40 reams of paper, of 480 sheets to the ream, each sheet 3 ft. long and 2 ft. wide, was made into books of 320 pages, each page being 8 in. long and 6 in. wide How many dozen books were there in the entire edition?

ANSWERS.

ARTICLE 91.

1. 12.
2. 42.
3. 66.
4. 3.
5. 1.
6. 15 bu.
7. 27 cts.
8. 240 lb.
9. 2160 sods.
10. $472.50.
11. $26.
12. $10.
13. $22.50.
14. 36 men.
15. 8 hrs.
16. 24 days.
17. 9 cts.
18. $20.16.
19. 54 thousand.
20. 2592 tiles.
21. 180 doz.