Multiplication of Compound Numbers.

1. Multiply 4 bu. 3 pks. 2 qts. 1 pt. by 15.
2. Multiply 7 gal. 3 qts. 2 gills by 32.
3. Multiply 1 ton 10 cwt. 25 lb. 12 oz. by 20.
4. Multiply 6 rods 4 yds. 1 ft. 6 in. by 22.
5. Multiply 1 sq. yd. 8 sq. ft. 136 sq. in. by 15.
6. Multiply 4 cords 18 cu. ft. 144 cu. in. by 24.
7. Multiply 1 week 2 days 7 hrs. 42 min. 50 sec. by 59.
8. Multiply 27 lb. 9 oz. 6 pwt. 16 gr. **by** 36.
9. Multiply 7 lb. 7 ℥ 7 ℨ 7 gr. by 50.
10. Multiply 21 cu. yds. 23 cu. ft. 1080 cu. in. by 80.
11. 64 acres of wheat averaged 21 bu. 1 pk. 7 qts. 1 pt. What was the entire crop?

12. A vintner sold 99 bls. of wine, each containing 31 gal. 3 qts. 1 pt. 3 gills. What was the entire quantity sold?

13. A farmer's crop of hay was hauled to market in 32 loads, averaging 1 ton 8 cwt. 12 lb. 8 oz. to the load. How many tons did he raise?

14. Two stations are 76 miles 45 rods 5 yds. 2 ft. 6 in. apart, and an engine is required to make two trips between them daily for 66 days. How many miles will it have run at the end of the time?

15. Seventy-five laborers employed to chop wood, averaged 1 cord 32 cu. ft. 432 cu. in. apiece daily for four days. How much was cut altogether?

16. If it requires 38 men 1 week 2 days 12 hrs. 48 min. 45 sec. to do a certain work, in what time could it be done by one man?

17. A miner's gatherings averaged 1 oz. 6 pwt. 16 gr. a day for 45 days. How much gold did he gather?

18. 64 packages of drugs averaged 2 lb. 8 ℥ 6 ℨ 1 Ə 10 gr. each. What was the total weight?

19. What would be the solid contents of 25 blocks of marble, each containing 5 cu. yds. 10 cu. ft. 720 cu. in. ?

20. A tract of land was subdivided into 75 lots, each containing 2 acres 21 sq. rods 10 sq. yds. 108 sq. in. What was the area of the tract?

ANSWERS.

ARTICLE 79.

1. 72 bu. 1 pk. 5 qts. 1 pt.
2. 250 gal.
3. 30 T. 5 cwt. 15 lb.
4. 150 rds.
5. 29 sq. yds. 8 sq. ft. 24 sq. in.
6. 99 C. 50 cu. ft.
7. 51 wks. 6 da. 12 hrs. 50 min. 30 sec.
8. 1000 lb.
9. 382 lb. 10 ℥ 3 ʒ 2 ℈ 10 gr.
10. 1750 cu. yds.
11. 1375 bu.
12. 3164 gal. 3 qts. 1 pt. 1 gi.
13. 45 T.
14. 10051 mi.
15. 375 C. 75 cu. ft.
16. 51 wks. 5 da. 6 hrs. 52 min. 30 sec.
17. 5 lb.
18. 175 lb.
19. 134 cu. yds. 17 cu. ft. 720 cu. in.
20. 160 A.