ARTICLE 76.

Subtraction of Compound Numbers.

1. From 99 bu. 1 pk. take 50 bu. 1 pt.

2. What is the difference between 75 bu. 1 qt. and 63 bu. 3 pks. 1 pt.?

3. Subtract 37 gal. 1 gill from 63 gal.

4. 400 gal. 3 qts. 1 pt. — 300 gal. 2 qts. 3 gills = what?

5. From 15 tons 14 lb. take 10 tons 16 cwt. 21 lb. 15 oz.

6. Take 74 acres 131 sq. rods 10 sq. yds. 8 sq. ft. 120 sq. in. from 125 acres 97 sq. rods 26 sq. yds. 2 sq. ft. 16 sq. in.

7. Subtract 48 acres 141 sq. rods 25 sq. yds. 7 sq. ft. 121 sq. in. from 150 acres 80 sq. rods 29 sq. yds. 5 sq. ft. 77 sq. in.

8. What is the difference between 50 miles 50 rods 5 yds. 5 in. and 10 miles 100 rods 1 ft. 10 in.?

9. 1000 miles — 849 miles 149 rods 1 yd. 1 ft. 6 in. = what?

10. From 25 cu. yds. 25 cu. ft. 25 cu. in. take 19 cu. yds. 26 cu. ft. 1703 cu. in.

11. From 100 cu. yds. subtract 17 cu. ft. 729 cu. in.

12. Take 31 cords 100 cu. ft. 923 cu. in. from 75 cords 100 cu. ft. 467 cu. in.

13. 39 cords 64 cu. ft. 500 cu. in. less 28 cords 91 cu. ft. 1228 cu. in. = what?

14. Subtract 7 weeks 6 days 17 hrs. 16 min. 50 sec. from 10 weeks 5 days 18 hrs. 15 min. 25 sec.

15. 365 days 5 hrs. 48 min. 46 sec. — 164 days 9 hrs. 28 min. 26 sec. = what?

16. What is the difference between 75 lb. 11 oz. 15 pwt. 20 gr. and 88 lb. 10 oz. 16 pwt. 11 gr.?

17. From 45 lb. 1 pwt. take 43 lb. 5 oz. 19 pwt. 7 gr.

18. Take 9 lb. 10 oz. 11 pwt. 12 gr. from 12 lb. 11 oz. 10 pwt. 9 gr.

19.   Subtract 1 ʒ 19 gr. from 1 lb.

20.   11 lb. 1 ʒ 1 gr. — 10 lb. 11 ℥ 2 ℈ 11 gr. = what?

21.   A farmer having raised 555 bu. 2 pks. 1 pt. of grain, sold 250 bu. 3 pks. 5 qts. at one time, and 256 bu. 2 pks. 1 pt. at another.   How much remained?

22.   A vintner having 378 gal. of wine, disposed of it to three merchants.   The first took 100 gal. 1 pt.   The second, 127 gal. 3 gills.   What did the third take?

23.   Three loads of hay weighed 4 tons 2 cwt. 85 lb. The first weighed 1 ton 5 cwt. 90 lb.   The second 1 ton 8 cwt. 99 lb.   How much did the third weigh?

24.   A pedestrian walked 71 miles 130 rods 5 yds. 1 ft. in two days.   If he traveled 37 miles 275 rods 4 yds. 2 ft. the first day, how far did he go on the second?

25.   A owns 85 acres 64 sq. rods 15 sq. yds. 4 sq. ft. of land.   B owns 10 acres 128 sq. rods 5 sq. yds. 8 sq. ft. less.   How much land have they together?

26.   C, D, and E dug a cellar 21 ft. long, 18 ft. wide, and 6 ft. deep.   C dug 27 cu. yds. 20 cu. ft. 788 cu. in.; D, 29 cu. yds. 7 cu. ft. 1643 cu. in.   What did E dig?

27.   A cut 11 cords 56 cu. ft. of wood; B cut 2 cords 91 cu. ft. less than A; and C cut 1 cord 100 cu. ft. less than B.   How many cords were cut altogether?

28.   An express train from New York to San Francisco made the trip in 1 week 1 day 15 hrs. 16 min. 44 sec., while a freight train occupied 3 weeks 4 days 10 hrs. 17 min. 32 sec. over the same road.   How much time was gained by the express?

29.   A druggist compounded 10 lb. 7 ℥ 6 ʒ 1 ℈ 15 gr. of drugs into medicine, of which he sold to one physician 4 lb. 9 ℥ 7 ʒ 2 ℈ 18 gr., and to another 4 lb. 8 ℥ 5 ʒ 16 gr.   How much remained?

30.   A jeweler bought 100 oz. of silver, of which he made 44 oz. 10 pwt. 16 gr. into spoons, which was 6 oz. 6 pwt. 12 gr. more than he made into forks.   He made napkin-rings of the remainder.   How much silver was put into them?

ANSWERS.

ARTICLE 76.

1. 49 bu. 7 qts. 1 pt
2. 11 bu. 1 pk. 1 pt.
3. 25 gal. 3 qts. 1 pt. 3 gi.
4. 100 gal. 1 qt. 1 gi.
5. 4 T. 3 cwt. 92 lb. 1 oz.
6. 50 A. 126 sq. rds. 15 sq. yds. 2 sq. ft. 40 sq. in.
7. 101 A. 99 sq. rds. 3 sq. yds. 6 sq. ft. 100 sq. in.
8. 39 mi. 270 rds. 4 yds. 1 ft. 7 in.
9. 150 mi. 170 rds. 4 yds.
10. 5 cu. yds. 25 cu. ft. 50 cu. in.
11. 99 cu. yds. 9 cu. ft. 999 cu. in.
12. 43 C. 127 cu. ft. 1272 cu. in.
13. 10 C. 100 cu. ft. 1000 cu. in.
14. 2 wks. 6 da. 58 min. 35 sec.
15. 200 da. 20 hrs. 20 min. 20 sec.
16. 12 lb. 11 oz. 15 gr.
17. 1 lb. 6 oz. 1 pwt. 17 gr.
18. 3 lb. 18 pwt. 21 gr.
19. 11 ℥ 6 ʒ 2 ℈ 1 gr.
20. 1 ℥ 10 gr.
21. 48 bu. 3 qts.
22. 150 gal. 3 qts. 1 gi.
23. 1 T. 7 cwt. 96 lb.
24. 33 mi. 175 rds. 2 ft.
25. 160 A. 25 sq. rds.
26. 26 cu. yds. 25 cu. ft. 1025 cu. in.
27. 27 C. 14 cu. ft.
28. 2 wks. 2 da. 19 hrs. 48 sec.
29. 1 lb. 1 ℥ 1 ʒ 1 ℈ 1 gr.
30. 17 oz. 5 pwt. 4 gr.