COMPOUND NUMBERS.

ARTICLE 75.

Addition of Compound Numbers.

1. Add 175 bu. 3 pks. 2 qts. 1 pt.; 167 bu. 2 pks. 5 qts.; 182 bu. 1 pk. 1 pt.; 159 bu. 7 qts. 1 pt.; 148 bu. 3 pks. 6 qts.; and 166 bu. 2 qts. 1 pt.

2. Add 7 gal. 1 qt. 1 pt. 2 gills; 6 gal. 2 qts. 3 gills; 4 gal. 1 qt. 1 pt.; 3 gal. 1 pt. 2 gills; 2 gal. 3 qts. 1 gill; 1 gal. 1 gill.

3. Add 1 ton 2 cwt. 53 lb. 13 oz.; 1 ton 97 lb. 10 oz.; 1 ton 3 cwt. 18 lb.; 1 ton 1 cwt. 15 oz.; 1 ton 76 lb. 8 oz.; 1 ton 4 cwt. 12 oz.; 1 ton 3 cwt. 27 lb. 6 oz.

4. Add 40 cu. yds. 13 cu. ft. 125 cu. in.; 51 cu. yds. 15 cu. ft. 810 cu. in; 62 cu. yds.; 17 cu. yds. 1001 cu. in.; 73 cu. yds. 19 cu. ft. 555 cu. in.; 84 cu. yds. 21 cu. ft. 729 cu. in.; 74 cu. yds. 13 cu. ft. 654 cu. in.; 95 cu. yds. 24 cu. ft. 1310 cu. in.

5. Add 14 acres 150 sq. rods 2 sq. yds. 7 sq. ft. 21 sq. in.; 16 acres 39 sq. rods 2 sq. ft. 56 sq. in.; 21 acres 101 sq. rods 1 sq. yd. 100 sq. in.; 25 acres 68 sq. rods 9 sq. yds. 3 sq. ft.; 30 acres 6 sq. yds. 5 sq. ft. 79 sq. in.; 44 acres 44 sq. rods 4 sq. yds. 4 sq. ft. 44 sq. in.; 47 acres 118 sq. rods 5 sq. yds. 3 sq. ft. 132 sq. in.

6. Add 9 cords 55 cu. ft. 105 cu. in.; 10 cords 65 cu. ft. 666 cu. in.; 11 cords 75 cu. ft. 579 cu. in.; 12 cords 85 cu. ft. 217 cu. in.; 13 cords 95 cu. ft. 325 cu. in.; 14 cords 105 cu. ft. 536 cu. in.; and 15 cords 119 cu. ft. 188 cu. in.

7. Add 1 week 1 day 1 hr. 1 min. 1 sec.; 2 weeks 2 days 20 hrs. 20 min. 20 sec.; 3 weeks 3 days 11 hrs. 55 min. 33 sec.; 4 weeks, 4 hrs. 44 sec.; 5 weeks 4 days 49 min.; 6 weeks 5 days 22 hrs. 59 sec.; 7 weeks 3 days 6 hrs. 33 min. 13 sec.

8. Add 1 lb. 2 oz. 3 pwt. 4 gr.; 1 lb. 11 oz. 11 pwt. 11 gr.; 1 lb. 1 oz. 20 gr.; 1 lb. 19 pwt. 23 gr.; 1 lb. 8 oz. 14 pwt.; 1 lb. 6 oz. 6 gr.; 1 lb. 5 oz. 10 pwt. 8 gr.

9. Add 3 lb. 2 ℥ 3 ʒ 1 ℈ 10 gr.; 4 lb. 3 ℥ 4 ʒ 2 ℈ 7 gr.; 5 lb. 4 ℥ 5 ʒ 6 gr.; 6 lb. 5 ℥ 6 ʒ 2 ℈ 8 gr.; 7 lb. 7 ʒ 1 ℈ 11 gr.; 8 lb. 6 ℥ 2 ℈ 15 gr.; 9 lb. 7 ℥ 2 ʒ 1 ℈; 10 lb. 5 ℥ 1 ʒ 3 gr.

10. Add 8 miles 300 rods 4 yds. 2 ft. 10 in.; 9 miles 305 rods 4 yds. 2 ft. 8 in.; 10 miles 316 rods 2 yds. 2 ft. 6 in.; 11 miles 237 rods 1 yd. 4 in.; 12 miles 5 yds. 2 ft. 2 in.; 13 miles 256 rods 1 ft. 5 in.; 14 miles 314 rods 4 yds. 2 ft.; and 17 miles 187 rods 2 yds. 2 ft. 7 in.

11. Eight loads of wheat measured as follows: 25 bu. 2 pks. 1 pt.; 24 bu. 1 pk. 2 qts.; 26 bu. 3 pks. 1 pt.; 23 bu. 3 qts. 1 pt.; 27 bu. 2 pks. 4 qts. 1 pt.; 22 bu. 1 pk. 3 qts.; 25 bu. 3 pks. 1 pt.; and 24 bu. 2 pks. 1 qt. 1 pt. What was the total quantity?

12. Seven barrels of oil were gauged as follows: 44 gal. 3 qts. 1 pt. 2 gills; 45 gal. 2 qts. 3 gills; 43 gal. 1 qt. 1 pt.; 46 gal. 1 pt. 1 gill; 43 gal. 1 qt. 2 gills; 44 gal. 2 qts. 1 pt.; 45 gal. 1 qt. 1 pt. 1 gill. What were the entire contents?

13. Seven loads of castings weighed respectively: 2 tons 7 cwt. 25 lb. 11 oz.; 3 tons 5 lb. 10 oz.; 1 ton 19 cwt. 99 lb. 15 oz.; 2 tons 5 cwt. 13 lb. 12 oz.; 1 ton 17 cwt. 75 lb. 14 oz.; 2 tons 4 cwt. 56 lb. 13 oz.; 2 tons 6 cwt. 21 lb. 5 oz. How much did all weigh?

14. The excavation for a cellar was made in eight days as follows; 41 cu. yds. 12 cu. ft. 515 cu. in.; 43 cu. yds. 11 cu. ft. 421 cu in.; 42 cu. yds. 21 cu. ft. 1029 cu. in.; 39 cu. yds. 20 cu. ft. 777 cu. in.; 40 cu. yds. 17 cu. ft. 913 cu. in.; 43 cu. yds. 13 cu. ft. 894 cu. in.; 42 cu. yds. 19 cu. ft. 1616 cu. in.; 39 cu. yds. 16 cu. ft. 747 cu. in. How much was excavated?

15. Six farms were surveyed as follows: 100 acres 116 sq. rods 5 sq. yds. 8 sq. ft.; 110 acres 40 sq. rods 4 sq. yds. 6 sq. ft.; 111 acres 48 sq. rods 3 sq. yds.; 99 acres 125 sq. rods 7 sq. ft.; 113 acres 10 sq. yds. 5 sq. ft.; 104 acres 150 sq. rods 5 sq. yds. 1 sq. ft. How much land was included?

16. Eight wood-choppers cut the following quantities of wood respectively: 125 cords 69 cu. ft. 216 cu. in.; 121 cords 56 cu. ft. 324 cu. in.; 126 cords 41 cu. ft. 432 cu. in.; 124 cords 125 cu. ft. 648 cu. in.; 122 cords 108 cu. ft. 864 cu. in.; 128 cords 75 cu. ft. 1080 cu. in.; 123 cords 121 cu. ft. 1296 cu. in.; 126 cords 42 cu. ft. 324 cu. in. How much did all cut?

17. The time of a sailing vessel in seven voyages across the Atlantic was as follows: 51 days 9 hrs. 16 min. 44 sec. 50 days 15 hrs. 45 min. 32 sec.; 52 days 6 hrs. 19 min. 48 sec.; 49 days 25 min. 57 sec.; 52 days 4 hrs. 1 min.; 54 days 5 hrs. 15 sec.; 55 days 12 hrs. 59 min. 30 sec. In what time were the seven trips made?

18. A jeweler bought eight ingots of silver, weighing respectively: 2 lb. 1 oz. 10 pwt. 14 gr.; 2 lb. 5 oz. 7 pwt. 7 gr.; 2 lb. 4 oz. 8 pwt. 15 gr.; 2 lb. 3 oz. 11 pwt. 21 gr.; 2 lb. 5 oz. 12 gr.; 2 lb. 2 oz. 2 pwt.; 2 lb. 19 pwt. 20 gr.; 2 lb. 2 oz. 1 pwt. 10 gr. What was the entire weight?

19. A wholesale druggist's sales for one day were as follows: 12 lb. 8 ℥ 7 ʒ 1 ℈ 10 gr.; 13 lb. 7 ℥ 6 ʒ 2 ℈ 18 gr.; 16 lb. 9 ℥ 5 ʒ 13 gr.; 17 lb. 7 ℥ 4 ʒ 1 ℈; 19 lb. 11 ℥ 3 ʒ 2 ℈ 15 gr.; and 20 lb. 4 ʒ 4 gr. What was the amount of his sales?

20. A carrier-pigeon made the following record in seven days: 143 miles 34 rods 1 yd. 2 ft. 3 in.; 146 miles 100 rods 2 yds. 9 in.; 141 miles 75 rods 1 ft. 6 in.; 145 miles 108 rods 1 yd. 2 ft.; 140 miles 4 yds. 1 ft. 10 in.; 142 miles 111 rods 5 yds. 4 in.; 141 miles 209 rods 1 ft. 10 in. How far did it fly during the week?

ANSWERS.

ARTICLE 75.

1. 1000 bu.
2. 25 gal. 1 qt. 1 pt. 1 gi.
3. 7 T. 15 cwt. 75 lb.
4. 500 cu. yds.
5. 200 A. 40 sq. rds. 30 sq. yds.
6. 88 C. 88 cu. ft. 888 cu. in.
7. 30 wks. 6 da. 18 hrs. 40 min. 50 sec.
8. 10 lb.
9. 55 lb.
10. 100 mi.
11. 200 bu.
12. 313 gal. 1 qt. 1 pt. 1 gi.
13. 16 T. 99 lb.
14. 333 cu. yds. 25 cu. ft.
15. 639 A. 159 sq. rds. 30 sq. yds.
16. 1000 C.
17. 365 da. 5 hrs. 48 min. 46 sec., or 1 yr.
18. 18 lb. 1 oz. 2 pwt. 3 gr.
19. 100 lb. 10 ʒ.
20. 1000 mi.