D (*Compound Quantities*).

1. Reduce 1 mi. 879 yds. 2 ft. to feet.

2. Reduce 413419020 seconds to years.

3. A boat race started at 2 hrs. 12 min. 11 sec. and finished at 2 hrs. 31 min. $5\frac{1}{2}$ sec.; how long did it last?

4. Three gardeners rent $5\frac{1}{2}$ ac. of ground; one has $1\frac{1}{4}$ ac. and another 7216 sq. yds. How much has the third?

5. If sound travels 1130 feet a second, how long does it take to travel 226 miles?

6. What is the total length in yards, feet and inches of 770 pieces of string each 29 inches long?

7. From a plank measuring 19 ft. 6 in. there is cut away $2\frac{1}{3}$ of $\frac{3}{17}$ of the whole. What length remains?

8. How many sixteenths of an inch in $1\frac{1}{4}$ yards?

9. Value of 7·125 of £5. 4s.

10. The cost of a cable message is 9d. a word; how many words can be sent for £1. 3s. 3d.?

11. Add together $\frac{1}{8}$ of a bushel, $\frac{3}{4}$ of a peck, $\frac{1}{4}$ of 24 bushels, and $\frac{1}{7}$ of 7 bu. 3 pks. 4 qts.

12. Find the exact number of days between April 10, 1890, and Aug. 25, 1891.

13. How many times round a garden 90 feet long 42 feet wide will make a walk of 3 miles?

14. A ship sailing westward reached a point where its chronometer at noon showed the time at Greenwich to be 6 hrs. 48 min. 28 sec. P.M. Find the longitude.

15. When it is noon at Montreal, long. 73° 25′ West, what is the time in Paris, long. 2° 20′ East?

16. A circular track is 600 yards round; A runs twice as fast as B; A and B start from the same place in opposite directions, and they meet in 45 seconds. How long would B take to run a mile at the same rate?