ARTICLE 66.

Long Measure.

1. Reduce 125 miles 125 rods to rods.
2. Reduce 1000 yds. 2 ft. 10 in. to inches.
3. Reduce 1760 yds. to inches.
4. Reduce 31 miles 80 rods to rods.
5. Reduce 1543 yds. 7 in. to inches.

6. Reduce 56700 in. to yards.
7. Reduce 24111 rods to miles.
8. Reduce 63359 in. to yards.
9. Reduce 264000 ft. to miles (1 mile = 1760 yds.).
10. Reduce 950400 in. to miles.

11. If a horse can trot 64 rods per minute, in what time can he trot five miles?

12. What would be the value of 100 miles of telegraph wire at $0.005 per foot?

13. In the above question, if the telegraph poles are 150 feet apart, what would be their value at $1.25 each?

14. A fence extends along both sides of a railroad 75 miles in length. Find the cost of the fence at $0.50 a rod.

15. The cement sidewalks of a certain village have a total length of 12 miles. Find their cost at 75 cents a linear foot.

16. If sound travels at the rate of 1100 ft. per second, what time would elapse between seeing a flash of lightning and hearing thunder from a cloud 10 miles distant?

17. $84.48 was paid for three-inch nails at $0.002 each. What length of wire was required?

18. Twelve silk flags, exactly alike, cost $194.40, at the rate of 15 cts. per linear inch. What was the length of each flag?

19. A weekly newspaper has a circulation of 120000. If each copy is 5 ft. 6 in. in length, how far would the entire issue extend in a straight line?

20. A submarine cable across the Atlantic Ocean cost \$2200000 at the rate of \$0.50 a yard. What is the length of the cable?

ANSWERS.

ARTICLE 66.

1.	40125 rods.	**8.**	1759 yds. 2 ft.	**14.**	\$24000.
2.	36034 in.		11 in.	**15.**	\$47520.
3.	63360 in.	**9.**	50 miles.	**16.**	48 sec.
4.	10000 rods.	**10.**	15 miles.	**17.**	2 miles.
5.	55555 in.	**11.**	25 min.	**18.**	3 yds.
6.	1575 yds.	**12.**	\$2640.	**19.**	125 miles.
7.	75 miles 111 rods.	**13.**	\$4400.	**20.**	2500 miles.