Rectangles.

1. A room is 18 ft. long and 14 ft. wide. How many square yards in the floor?

2. A parlor is 21 by 15 ft. Find the cost of carpeting it, at $1.20 a square yard.

3. The floor of a dining-room is 33 ft. long and 24 ft. wide. Find cost of painting it, at 22 cts. 5 mills a square yard.

4. An assembly room is 57 ft. long by 39 ft. wide. What would be the cost of the ceiling, at $0.25 a square yard.

5. A church is 66 ft. in length by 48 ft. in width, and 21 ft. high. What would it cost to paint the outside walls, at 27 cts. 5 mills a square yard?

6. A concert-room is 69 ft. long, 45 ft. broad, and 18 ft. high. Find the cost of plastering it, at 25 cts. a square yard.

7. A lot is 50 rods long and 32 rods wide. Find its value, at $100 per acre.

8. A farm is rectangular in form, 75 rods wide and 96 rods long. What is it worth, at $66 an acre.

9. A field is 45 rods wide, and contains 36 acres. How long is it?

10. A pasture is 48 rods wide, and contains 15 acres. How long is it, and what would be the cost of a fence around it, at 95 cts. a rod?

11. A meadow is 68 rods long, and its area is 23 acres 60 sq. rods. What would be the cost of the fence surrounding it, at 85 cts. a rod?

12. A lot is 66 ft. wide, and its area is 10890 sq. ft. A close board fence five feet high surrounds it. Find its value, at 1 ct. 5 mills a square foot.

13. How many sheets of paper 9 in. long and 6 in. wide can be cut from a roll 2 yds. wide and 50 yds. long?

14. A cellar is 33 ft. long and 21 ft. wide. Find the cost of cementing the floor, at $1.30 a square yard.

15. A lodge-room is 60 ft. long, 42 ft. wide, and 15 ft. high. It is to be plastered, at 25 cts. a square yard, and the floor covered with ingrain carpet, at 62 cts. 5 mills a yard. Find the entire cost.

Applications of Square Measure.

16. How many granite blocks would be necessary to pave a street 1320 ft. long and 50 ft. wide, allowing six blocks to the square foot?

17. How many sods 18 in. long and 10 in. wide would be required for a lawn 60 ft. square?

18. How many tiles 15 in. square would cover the floor of an office 20 ft. long by 16 ft. 3 in. wide?

19. How many bricks 8 in. long by 4 in. wide would pave a walk 50 ft. long and 2 ft. 8 in wide?

20. How many panes of glass, each 32 in. long and 20 in. wide, would be required for 24 windows, each 5 ft. 4 in. long and 3 ft. 4 in wide?

21. A parlor is 27 ft. long by 18 ft. wide. Find the cost of covering the floor with rugs 4 ft. 6 in. long and 2 ft. 3 in wide, at $3.75 each.

22. How many boards 16 ft. long and 15 in. wide would be necessary to inclose the sides of a barn 60 ft. long, 40 ft. wide, and 20 ft. high?

23. A roll of paper 150 yds. long and 3 ft. 6 in. wide is to be cut into posters 1 ft. 9 in. by 1 ft. 3 in. Find their value, at $.005 apiece.

24. The floor of an art gallery 64 ft. long and 36 ft. wide is to be made of marble tiles 12 in. by 18 in., at $0.875 each. Find the cost of the floor.

25. A stable is 72 ft. in length, and the rafters on each side are 18 ft. long. What would be the cost of covering the roof with slates 9 in. by 16 in., at five cents apiece, allowing one half for overlapping?

26. An improvement company subdivided a quarter-section of land into building lots 4 rods wide by 10 rods long, after allowing one fourth of the entire tract for streets. If the lots were sold at $5 per front foot, what sum was realized?

ANSWERS.

ARTICLES 68 AND 69.

1.	28 sq. yds.	10.	50 rods, $186.20.	18.	208 tiles.
2.	$42.			19.	600 bricks.
3.	$19.80.	11.	$209.10.	20.	96 panes.
4.	$61.75.	12.	$34.65.	21.	$180.
5.	$146.30.	13.	2400 sheets.	22.	200 boards.
6.	$200.25.	14.	$100.10.	23.	$3.60.
7.	$1000.	15.	$330.	24.	$1344.
8.	$2970.	16.	396000 blocks.	25.	$259.20.
9.	128 rods.	17.	2880 sods.	26.	$158400.