1. A rectangular floor which requires 30 sq. yd. of carpeting to entirely cover it is 18 ft. long. How wide is it?

2. A square field 20 yd. long contains how many square feet? How many rods of fence will it take to inclose it?

3. How many square yards in one side of a room 20 ft. 6 in. long, 12 ft. high?

4. How many square yards in the walls of a room 18 ft. long, 12 ft. wide, and 9 ft. high? At 60¢ a square yard, what will a carpet for the room cost?

5. How many square yards in the walls and floor of a room 20 ft. 4 in. long, 15 ft. wide, and 12 ft. high?

6. How many square feet of surface on the outside of a box 3 ft. long, 2 ft. wide, and 1 ft. high?

7. How many square feet in the surface of a block of stone 18 in. long, 15 in. wide, and 12 in. high?

8. A lot of land whose rear boundary is parallel with the street is 180 ft. deep. The lot is 140 ft. wide on the street, and 110 ft. wide in the rear. How many square feet in the lot?

Measure, draw plans of, and make problems about:

9. The floor of your school-room and entries.

10. The walls and blackboards of your school-room.

11. The openings — windows and doors — of your school-room.

12. The school-yard and sidewalk in front of it.

13. The distance from your school-house to the post-office and other important points.