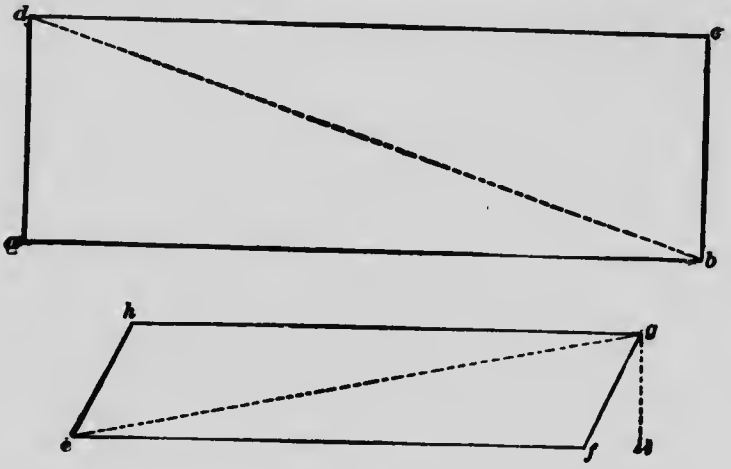
1. A piece of land in the form of a parallelogram is 120 ft. long and has an altitude of 40 ft. Draw plan on a scale of 40 ft. to an inch and find how many square feet in the lot.

2. How many square yards in a floor having the form of a parallelogram whose sides measure 18 ft. and 12 ft. and whose altitude is 8 ft.?

3. Draw a plan of the "diamond" such as is used in playing baseball. How many square feet in it?



4. Cut from paper figures of the same shape and size as the above parallelograms. Cut in place of dotted lines or diagonals *b d* and *e g*. Compare the parts of each parallelogram. The triangle *a b d* is what part as large as the rectangle *a b c d*? The triangle *e f g* is what part as large as the parallelogram *e f g h*? Cut other parallelograms and compare in the same way.

5. What can you say of the size of a triangle and parallelogram having the same base and altitude?