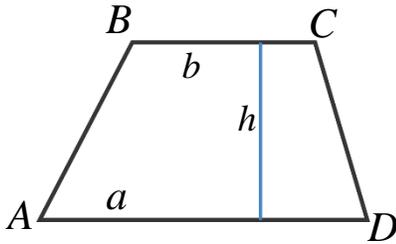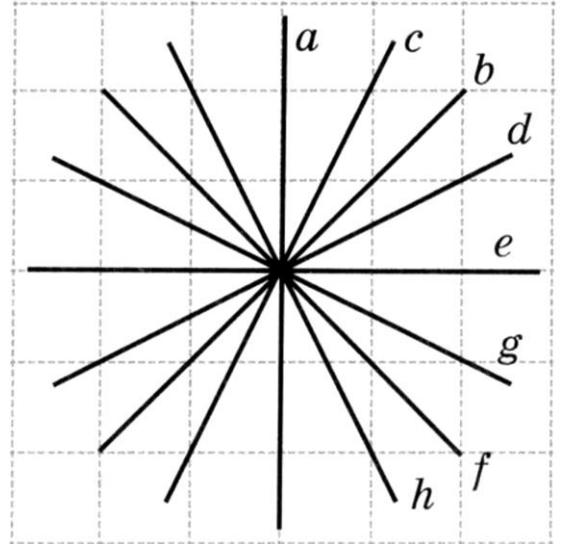**Classwork 23.**

Area of a trapezoid.
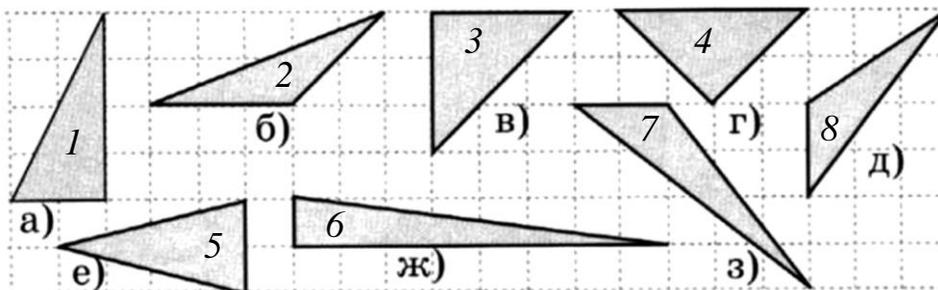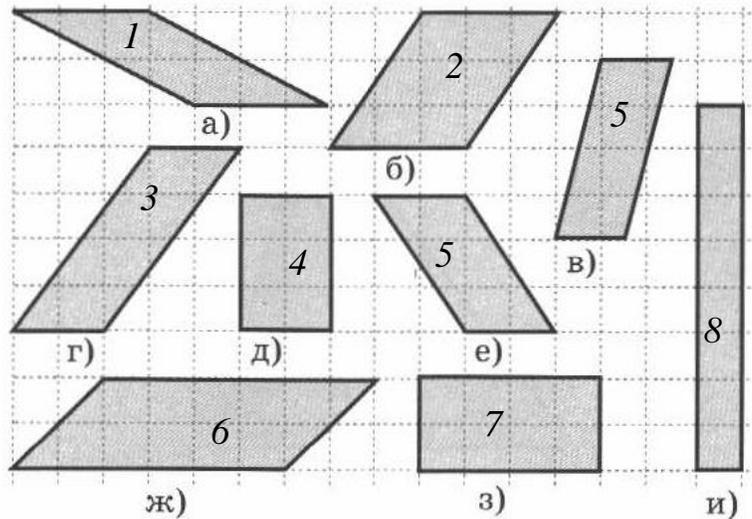
$$S = \frac{a + b}{2} \cdot h$$
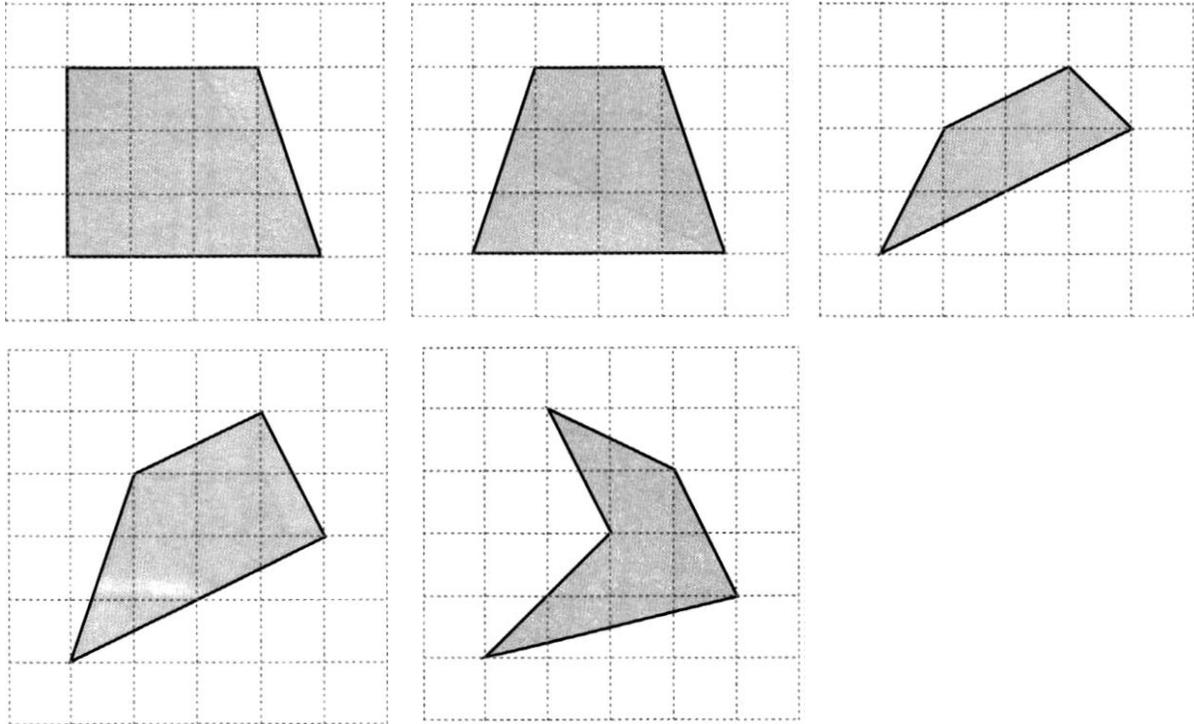
How the formula can be derived?

Rhombus is a parallelogram with all four equal sides. Diagonals of rhombus are perpendicular, and divide each other into half. Which line is perpendicular

to lines a?

to lines b?

to lines c?

to lines d?

Which shapes have equal areas?

Find the areas of the shapes:

1. Find altitudes and medians on the following picture: