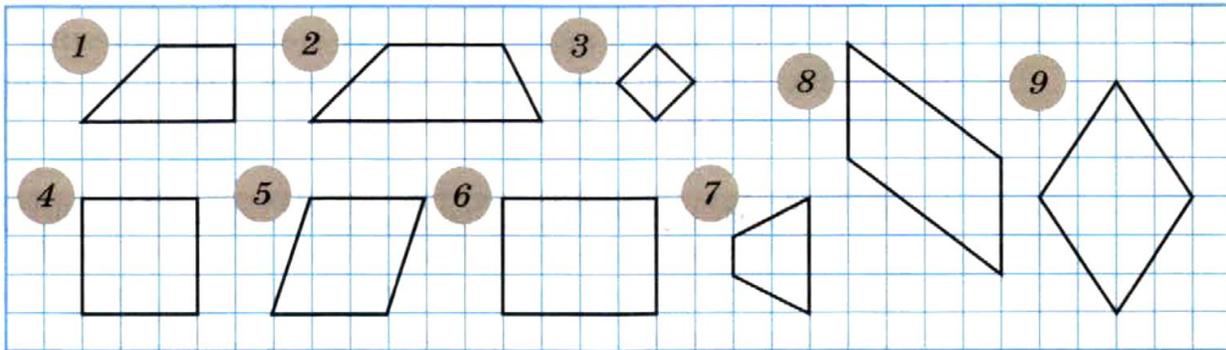
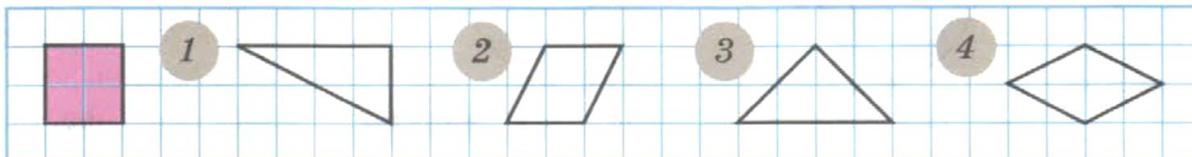


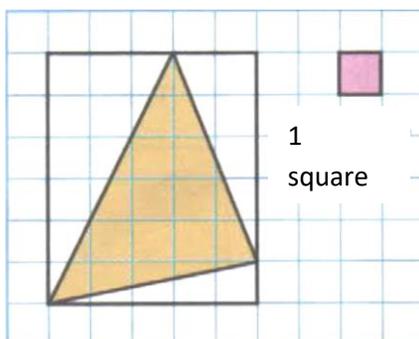
1. To bake bread, flour and water are mixed in equal proportions. In the oven, the dough loses 30% of its weight. How much flour is needed to bake 700 kg of bread?
  
2. Compare the value of the expressions with given value of variables:
  - a.  $(1 + a)b$  and  $1 + ab$ , if  $a = 3$  and  $b = 2.5$ ;
  - b.  $(1 - a)^2$  and  $1 - a^2$ , if  $a = 0.1$ ;
  - c.  $a^2 + b^2 + 2ab$  and  $(a + b)^2$ , if  $a = 1$  and  $b = 0.5$
  - d.  $(1 + a)b$  and  $1 + ab$ , if  $a = 3$  and  $b = 2.5$
  
3. On the picture below, which shapes are parallelograms?



4. Prove that shapes 1, 2, 3, and 4 below have the same area.



5. What is the area of the shaded triangle (in square units)



6. For numbers of the form  $(7n+1)$ , where  $n$  is a natural number, find the first three numbers divisible by 10.

