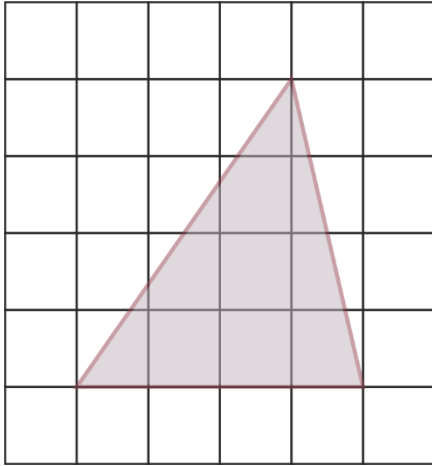


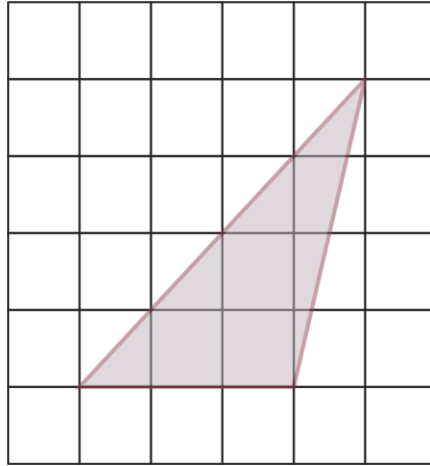
Math 5b, homework 18.

1. Find the area of a triangle (square unit is 1 cm^2):

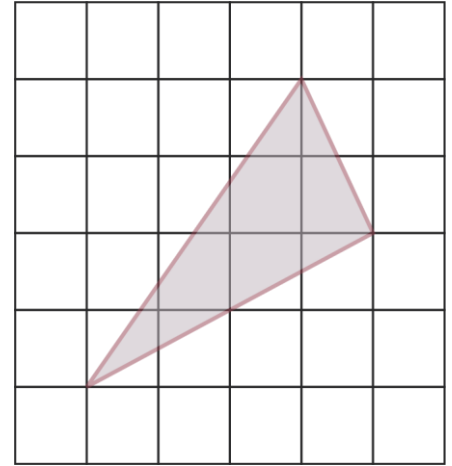
a.



b.

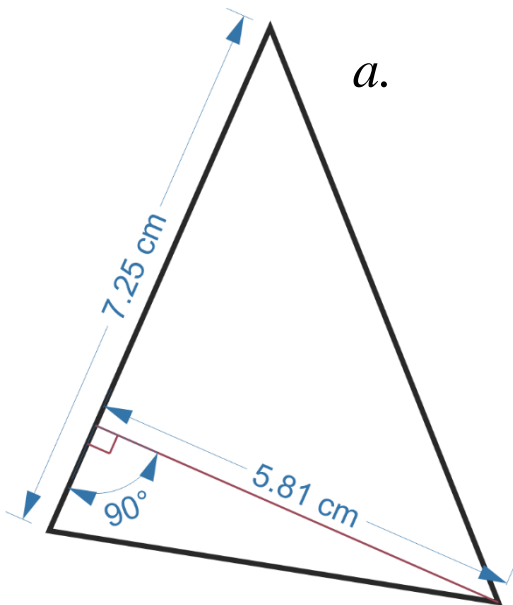


c.

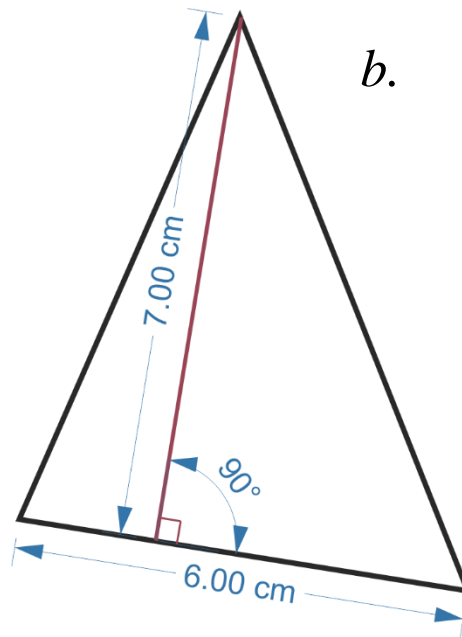


2. Find the area of the triangle by two possible ways:

a.



b.



3. Draw a triangle, in the triangle, draw three bisectors.

4. Parliament elections were held on Fruit Island. Everyone who voted for the Mandarin party love tangerines. Of those who voted for other parties, 90% do not like tangerines. How many percent of the votes got the Mandarin party, if it is known that exactly 46% of the inhabitants love tangerines.

5. Fraction $\frac{p}{q}$ is reducible fraction (can be simplified).

Show that the fractions

$$\frac{q}{p}; \quad \frac{p-q}{q}; \quad \frac{q+p}{p}; \quad \frac{p-2q}{q}$$

Are also reducible. (hint: p and q have same common factor, can be written as

$$p = km, \quad q = kl; \quad k, m, l \in N(\text{natural numbers})$$

6.