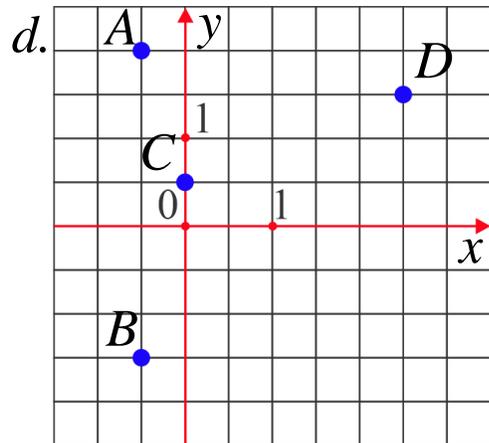
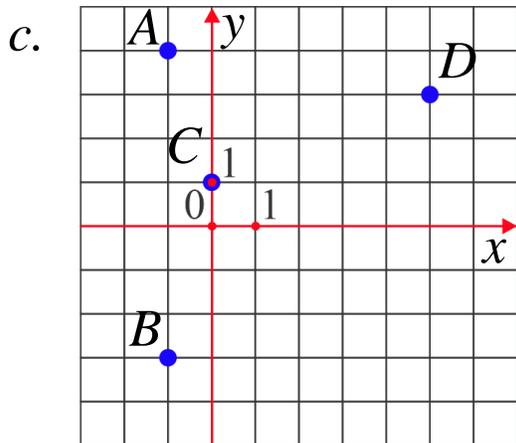
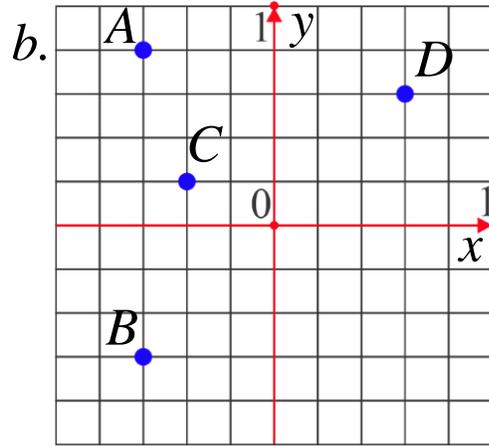
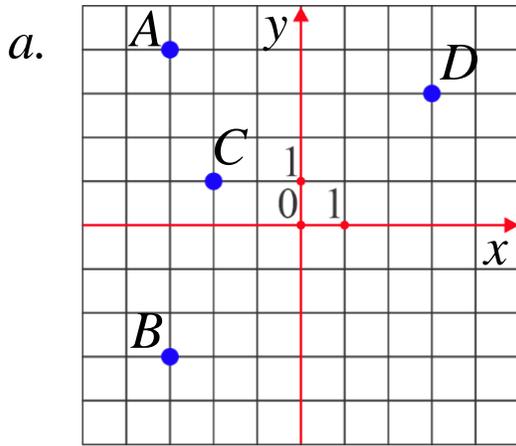


Homework 11.

1. Find coordinates of points A, B, C, D in to systems:



2. Evaluate:

a. $123 + 230$;

b. $230 - 123$;

c. $123 - 230$;

d. $68 + (-75)$;

e. $-75 + 68$;

f. $-75 - (-68)$;

3. Evaluate:

a. $(+7) \cdot (-4)$;

b. $(-8) \cdot (-6)$;

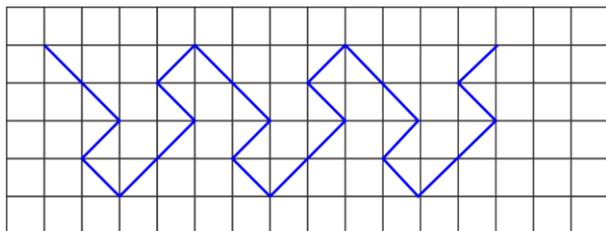
c. $8 \cdot (-6)$;

d. $(-7) \cdot (-4)$;

e. $-8 \cdot 6$;

f. $5 \cdot (-5)$;

4. Copy the picture to your notebook and continue the pattern (use ruler!):



5. Write absolute values of numbers:

Example: $|5| = 5$; $|-9| = 9$

5, -9, 3, 10, -25, -40, 40

6. Find two fractions which are

a. greater than $\frac{1}{3}$ but smaller than $\frac{2}{3}$

b. greater than $\frac{2}{5}$ but smaller than $\frac{3}{5}$

7. Evaluate (reduce first!):

a. $\frac{6}{7} \cdot \frac{7}{12} \div \frac{5}{16}$; b. $\frac{7}{25} \div \frac{3}{10} \cdot \frac{5}{6}$; c. $\frac{2}{9} \cdot \frac{3}{7} \div \frac{5}{12}$; d. $\frac{9}{10} \div \frac{10}{11} \cdot \frac{100}{21}$

8. 6000 people live in three villages altogether. In the first village there are twice as many inhabitants as in the second village and in the third village the number of inhabitants is 500 less than in the first one. How many people live in each village?