071 The coordinate plane

710

Characters:

T $Tutor

S $Strong

W $Weak

T Homework assignment:1. Plot on the coordinate plane (given coordinate plane) the following points: А (-6;2), В (-4;6), С (1;1), D (2;-5), Е (8;-1). Connect consecutively the points А and В, В and С, С and D, D and Е. On the same drawing, plot three more points: М (-5;-5), N (-1;7), К (8;4). Connect consecutively the points М and N, N and К.

T 2. Based on the drawing, find the coordinates of the points (Attachment: ДЗ 2).

T 3. Calculate:а) -4.2:7+23\*(5-1.1) ;

T b) (-3.9\*2.1+17.79):(-3.2)-2.1

T Potential mistakes when solving No 1:- incorrectly found abscissa (or the ordinate) of a point (on a wrong axis, in the wrong direction from the point of origin; wrong number of unit segments separated off );- students fail to plot perpendicular lines (instead, they connect the points on axes)

T Potential mistakes when solving No 2:- incorrectly recorded coordinates ( in a wrong order, with wrong signs, wrong number of unit segments found);- incorrectly written coordinates of points with one zero coordinate (0 is lost; coordinates written in the wrong order)

T Potential mistakes when solving No 3:- wrong order of operations,- wrong sign when multiplying (dividing, adding, subtracting) numbers with different signs;- calculation errors.