MATHEMATICS

Monday October 5 2015

First Test

Ex.1 Given the set

$$A = [-2, 5) \cup \left\{ \frac{13}{2}, 9 \right\}$$

determine its accumulation points, isolated points, boundary points, interior points, exterior points, infimum, supremum, maximum, minimum .

Ex.2 Given the lines $R: \; y = 2x + 5$ and $s: \; y = -x + 7$, write the equation of the line that passes through $r \cap s$ and that is parallel to the line of equation $y = \frac{1}{2}x + 2$.