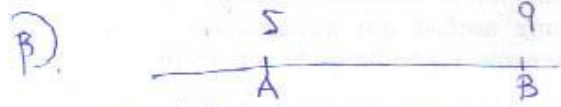


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α)  $|x-5| = d(x,5)$       $|x-9| = d(x,9)$



ii) M: μέσο του AB

(ii)  $x = 7$

$$|x-5| = |x-9| \Leftrightarrow \begin{cases} x-5 = x-9 & \text{αδύνατο} \\ x-5 = -x+9 & \Leftrightarrow x=7 \end{cases}$$