

Problem 9

If three distinct points P , Q , and R all lie on a line, and if $d(P, Q) = d(Q, R)$, then Q is called the _____ of the line segment from P to R .

Solution

If three distinct points P , Q , and R all lie on a line, and if $d(P, Q) = d(Q, R)$, then Q is called the midpoint of the line segment from P to R .