

Linear Measure classwork

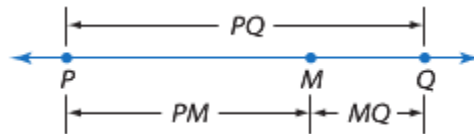
What is or is not above a pair of letters is meaningful in geometry!

Line \overleftrightarrow{AB}

Segment \overline{AB}

Measure AB (distance between points A & B)

- **Betweenness**



Example: Point M is between points P & Q only if P , Q , and M are collinear.

Create an equation with the line segments above: $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Ex #1: Find y and QP if P is between Q and R , $QP = 2y$, $QR = 3y + 1$, and $PR = 21$.

Ex #2: Find x and BC if B is between A and C , $AC = 4x - 12$, $AB = x$, and $BC = 2x + 3$