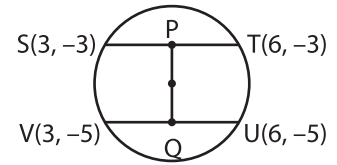
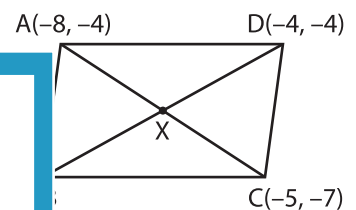


Distance Formula

- 1) P and Q are the midpoints of the chords \overline{ST} and \overline{UV} respectively. Find the distance between P and Q.



- 2) X is a point of intersection of the diagonals of a parallelogram ABCD. Find the length of \overline{BD} .



PREVIEW

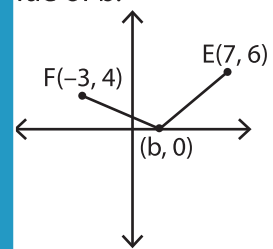
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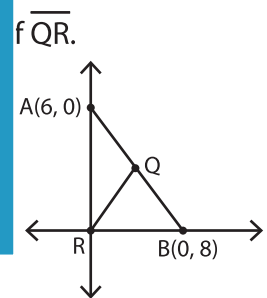
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- 3) A point (b, 0) is equidistant from points F(-3, 4) and E(7, 6). Find the value of b.



- 4) Q is the midpoint of \overline{AB} . Find the length of \overline{QR} .



- 5) Two tangents touch the circle at the points M(-7, 0) and N(-5, 2). Find the length of the chord \overline{MN} .

