



Distance Formula - Quadrilaterals

Name _____

Score _____

DF:25

- 1) Choose that the points $P(-7, 5)$, $Q(-5, 2)$, $R(-3, 5)$ and $S(-5, 8)$ are the vertices of
 Parallelogram Square Rhombus

- 2) Choose that the points $E(3, 0)$, $F(3, 7)$, $G(6, 9)$ and $H(6, 2)$ are the vertices of
 Rectangle Parallelogram Square

- 3) Choose that the points $T(-4, -6)$, $U(-4, -2)$, $V(0, -2)$ and $W(0, -6)$ are the vertices of
 Square Rhombus Parallelogram

- 4) Choose that the points $K(6, -9)$, $L(10, -9)$, $M(10, -3)$ and $N(6, -3)$ are the vertices of
 Rhombus Parallelogram Rectangle

- 5) Prove that the points $A(-5, 5)$, $B(5, 5)$, $C(5, -5)$ and $D(-5, -5)$ form a square.



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Answer key

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The points $A(-5, 5)$, $B(5, 5)$, $C(5, -5)$ and $D(-5, -5)$ forms a square.