

**Distance Formula - Quadrilaterals**

- 1) Show that the points  $E(-3, -5)$ ,  $F(-5, -4)$ ,  $G(-7, -5)$  and  $H(-5, -6)$  are the vertices of a rhombus.
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- 2) Show that the points \_\_\_\_\_ a parallelogram.

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- 3) Show that the points \_\_\_\_\_ ces of a square.

- 4) Show that the points  $K(-9, 7)$ ,  $L(-2, 7)$ ,  $M(-2, 9)$  and  $N(-9, 9)$  are the vertices of a rectangle.
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