GPS Geometry Worksheet Proving Special Quadrilaterals

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| Teacher guided example #1  Given that PQRS is a parallelogram, determine whether it is a rectangle, a rhombus, or a square.  10x10.gif  P(5, 2)  Q(2, 5)  R(-1, 2)  S(2, -1) |  |
| Teacher guided example #2  What kind of quadrilateral is JKLM?  10x10.gif  J(1, 1)  K(5, 1)  L(4, 8)  M(2, 8) |  |

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| 1. What kind of quadrilateral is PQRS?   10x10.gif  P(-1, 2)  Q(4, 4)  R(2, -1)  S(-1, -1) | 1. What kind of quadrilateral is JKLM?   10x10.gif  J(-2, 4)  K(3, 5)  L(4, 2)  M(-1, 1) |
| 1. What kind of quadrilateral is WXYZ?   10x10.gifW(4, 8)  X(0, 9)  Y(-2, 1)  Z(2, 0) | 1. 10x10.gif Given ABCD is a parallelogram, determine whether it is a rectangle, a rhombus, or a square.   A(-3,1)  B(1, 3)  C(5, 1)  D(1, -1) |