GPS Geometry Worksheet Proving Special Quadrilaterals

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

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| 1. What kind of quadrilateral is PQRS?

10x10.gifP(-1, 2)Q(4, 4)R(2, -1) S(-1, -1) | 1. What kind of quadrilateral is JKLM?

10x10.gifJ(-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) |