

Use coordinate geometry to find the most precise name for each quadrilateral. Show your work.

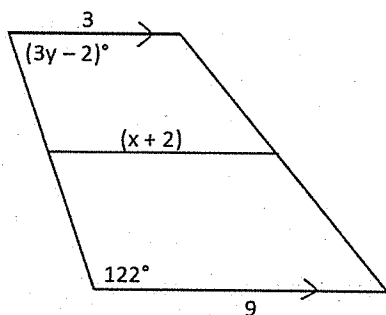
1. What is the best name for quadrilateral ABCD? $A(-1, 6)$ $B(11, -2)$ $C(7, -8)$ $D(-5, 0)$

2. What is the best name for quadrilateral EFGH? $E(-1, 4)$ $F(5, 6)$ $G(7, 0)$ $H(-2, -8)$

Find the value(s) of the variable(s) in each problem. Show work.

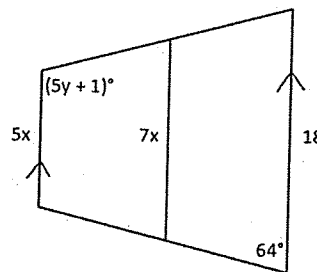
3. Trapezoid with Midsegment

$x =$ _____ $y =$ _____



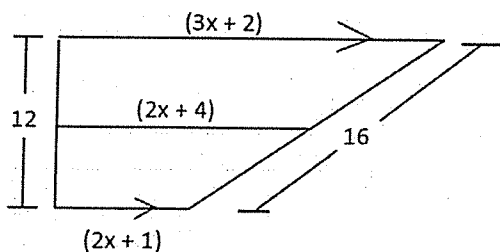
4. Isosceles Trapezoid with Midsegment

$x =$ _____ $y =$ _____



5. Trapezoid with Midsegment

$x =$ _____ Perimeter = _____



6. Trapezoid with Midsegment

$x =$ _____

