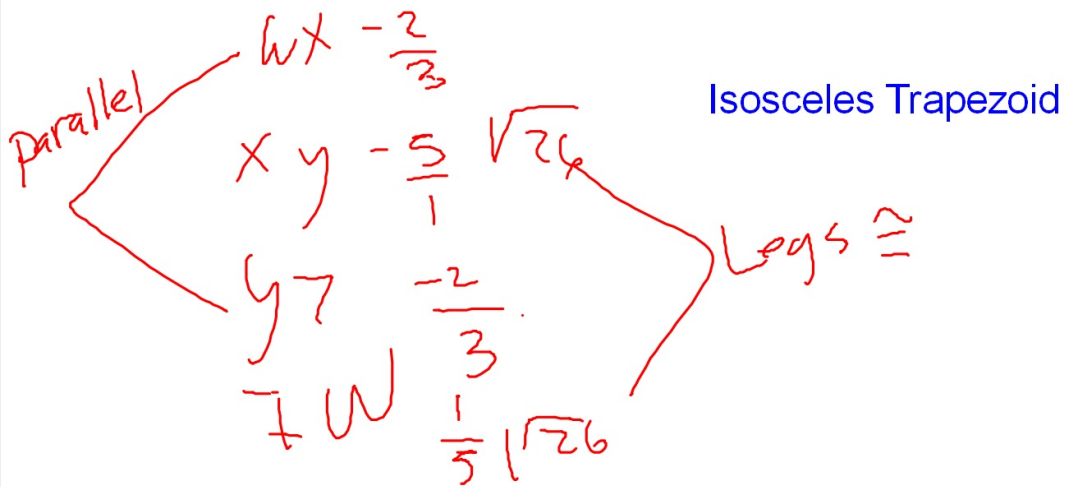


Bellwork Tuesday, April 15, 2014

1. What is the best name for quadrilateral WXYZ?

W(0,7) X(6,3) Y(7,-2) Z(-5,6)



2. What is the best name for quadrilateral GHJK?

G(2,6) H(0,2) J(6,-6) K(6,4)

DIAG midpt

GJ (4,0)

HK (3,)

NOT // gram

Sides	Slope	DIST
GH	$\frac{6-2}{2-0} = \frac{4}{2} = 2$	$\sqrt{20}$
HJ	$\frac{2-(-6)}{0-6} = \frac{8}{-6} = -\frac{4}{3}$	$\sqrt{100}$
JK	$\frac{4-(-6)}{6-6} = \frac{10}{0}$ undefined	$\sqrt{100}$
KG	$\frac{6-4}{2-6} = \frac{2}{-4} = -\frac{1}{2}$	$\sqrt{20}$

no parallel sides

(KITE)