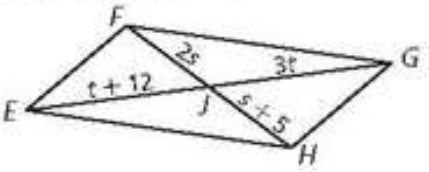
6.3 Day 1 HW p. 414 # 1-5 odd, 9-13, 23, 35 _____**LOVES GEOMETRY!**

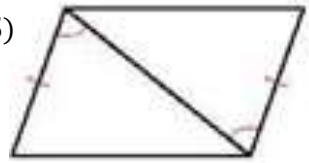
1) Show that *EFGH* is a parallelogram for $s = 5$ and $t = 6$.



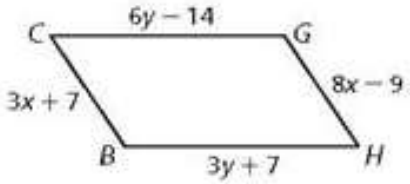
3-5 Determine if each quadrilateral must be a parallelogram. Justify your answer.

3)

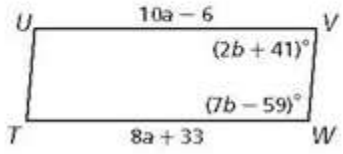
5)



Show that *BCGH* is a parallelogram
9) for $x = 3.2$ and $y = 7$.



10) Show that *TUVW* is a parallelogram for for $a = 19.5$ and $b = 22$.

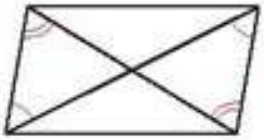


11-13 **Determine if each quadrilateral must be a parallelogram. Justify your answer.**

11)

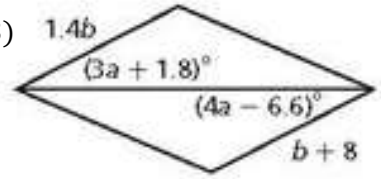
12)

13)



23 Find the values of a and b that would make the quadrilateral a parallelogram.

23)



35) What additional information would allow you to conclude that *WXYZ* is a parallelogram?

(A) $\overline{XY} \cong \overline{ZW}$ (C) $\overline{WY} \cong \overline{WZ}$

(B) $\overline{WX} \cong \overline{YZ}$ (D) $\angle XWY \cong \angle ZYW$