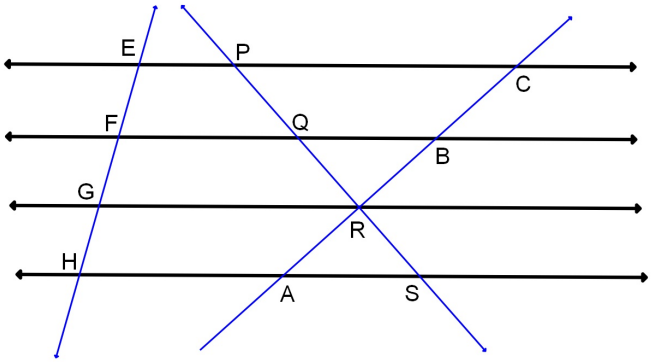
Geometry Bellwork Tuesday, April 1, 2014

The four black lines are parallel and EF=FG=GH

Given CA=30, QR = 9 and FH=14. Find each of the following:

PS= EG = AR = RS = RC =



2. Show that ABCD is a Parallelogram by showing that opposite sides are parallel.

A(5,-4) B(1,-5) C(4,-2) D(8,-1)

3. Show that EFGH is a Parallelogram by showing that opposite sides are congruent.

E(5,-3) F(-1,10) G(-3,7) H(3,-6)

4. Show that JKLM is a Parallelogram by showing that diagonals bisect each other.

J(-4,-3) K(6,-5) L(-1,4) M(-11,6)

5. Show that WXYZ is a Parallelogram by showing that one pair of opposite sides are both parallel and congruent.

W(3,1) X(9,6) Y(8,7) Z(2,2)