Geometry Review Ch. 6 Ch. 6 test is Wed.

Project (group) due today Reflection (individual) due Wed.



Find the sum of the measures of the interior angles of a

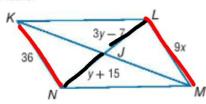
convex 22-gon.

$$\frac{3600}{20} = 163.6$$

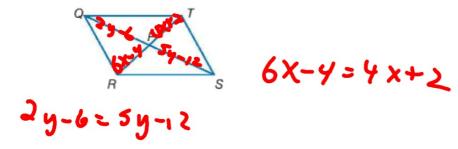
The measure of an interior angle of a regular polygon is 157.5. Find the number of sides in the polygon.

16

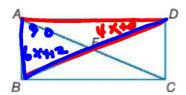
ALGEBRA If *KLMN* is a parallelogram, find the value of the indicated variable.



If TP = 4x + 2, QP = 2y - 6, PS = 5y - 12, and PR = 6x - 4, find x and y so that the quadrilateral is a parallelogram.

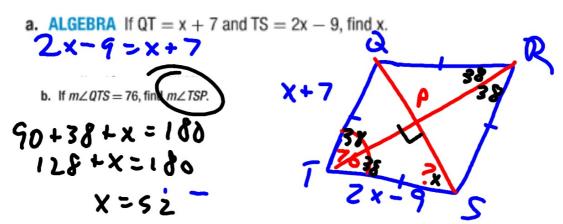


ALGEBRA Quadrilateral *ABCD* is a rectangle. If $m \angle ADB = 4x + 8$ and $m \angle DBA = 6x + 12$, find x.



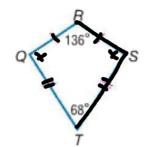
90 +PX+15+AX+8= 190

The diagonals of rhombus *QRST* intersect at *P*. Use the information to find each measure or value.



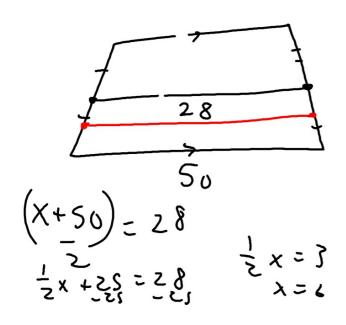
If QRST is a kite, find $m \angle RST$.

Since $\angle Q \cong \angle S$, $m\angle Q = m\angle S$. Write and solve an equation to find $m\angle S$.



$$136+68+2X = 360$$

 $204+2X = 360$
 $3x = 156$
 $x = 7$



SGR 12-42e P.450