

Explore Properties of parallelograms

Name _____

Geogebra Angles Activity

Date _____ Period _____

Use the Geogebra activity to find the measure of the angles for the parallelogram. Draw and label your Parallelogram in the space below. Complete the chart. Round to the nearest degree.

Parallelogram	Angle Measures	Properties of Parallelograms
	$\angle DAB = \underline{\hspace{2cm}}$ $\angle ABC = \underline{\hspace{2cm}}$ $\angle BCD = \underline{\hspace{2cm}}$ $\angle CDA = \underline{\hspace{2cm}}$	

Turn & Talk: Share with a partner your measurements from above. Discuss what you have noticed and mark the congruent and supplementary angles you have found.

Reflection: Write 2 or 3 sentences below that describe the relationships you have discovered about the angles of parallelograms.

Answer the following questions based on your exploration and reflection above.

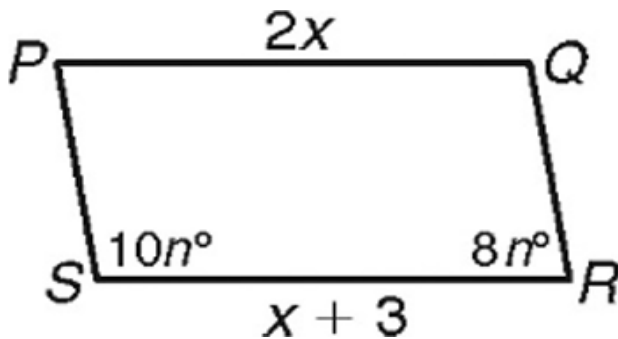
PQRS is a parallelogram.

Find $\angle S = \underline{\hspace{2cm}}$

Find $\angle R = \underline{\hspace{2cm}}$

Find $\angle P = \underline{\hspace{2cm}}$

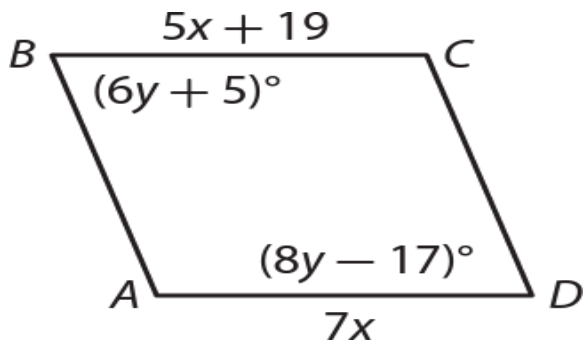
Find $\angle Q = \underline{\hspace{2cm}}$



Your Turn:

ABCD is a parallelogram.

Find $\angle CDA =$ _____



Challenge Find $\angle BCD =$ _____

Reflection

How would you explain to an absent student what we did in class today, what you discovered, and how we used this to solve problems?