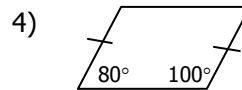
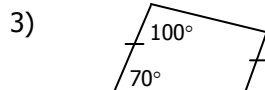
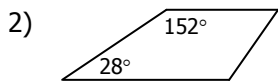
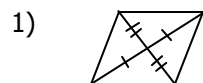


### 9.3 Classwork Proving Parallelograms

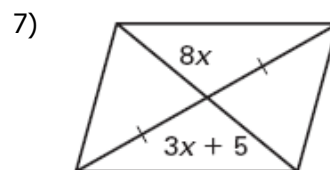
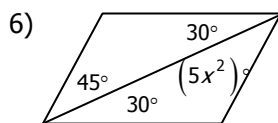
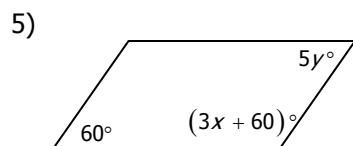
Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

Determine if each quadrilateral is a parallelogram. Explain why or why it does not work.



Find the value of x and y that ensure each quadrilateral is a parallelogram.



22) In quadrilateral JOKE,  $\angle J \cong \angle E$ ,  $m \angle OJE = 110^\circ$ , and  $m \angle JEK = 100^\circ$ .

