Name:

Date:

School:

Facilitator:

7.03 Explore

Total Points: 20

**Using the GeoGebra linked on the task page, choose two of the cases given to answer the following questions.**

Which cases have you chosen?

Case A:

Case B:

1. Decide if enough information is given to prove the quadrilateral is a parallelogram (yes or no)
   1. Case A:
   2. Case B:
2. State the case as a rule. (For example, if a quadrilateral has two pairs of sides with equal slopes....)
   1. Case A:
   2. Case B:
3. Explain why, using theorems and properties given in earlier lessons and units.
   1. Case A:
   2. Case B: