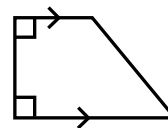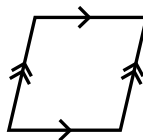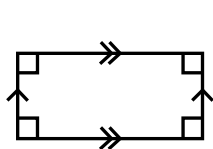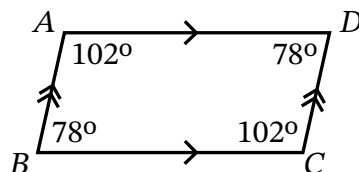Name _____ Date _____

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1. Circle the quadrilaterals that are trapezoids.

2. Consider the trapezoid.

a. What 2 pairs of angles are supplementary?

b. Do some trapezoids have only 1 pair of supplementary angles? Explain.

c. Eddie says a property of trapezoids is that they have 2 pairs of opposite sides that are parallel. Lacy disagrees. She says Eddie's statement describes an attribute of this trapezoid, not a property of all trapezoids. Who is correct? Explain.

d. Sketch a trapezoid that does not have 2 pairs of opposite sides that are parallel.

e. Write one example of a property of trapezoids.

REMEMBER

3. Use $\overleftrightarrow{AB}$ to complete parts (a) and (b).

   a. Draw $\overline{CD}$ parallel to $\overleftrightarrow{AB}$.

   b. Draw $\overleftrightarrow{EF}$ perpendicular to $\overleftrightarrow{AB}$.