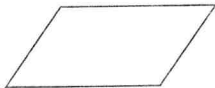


Quadrilaterals

You can classify quadrilaterals by their sides and angles.

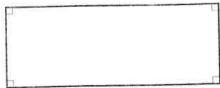
parallelogram

opposite sides congruent
opposite sides parallel



rectangle

opposite sides congruent
opposite sides parallel
4 right angles



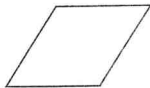
square

all sides congruent
opposite sides parallel
4 right angles



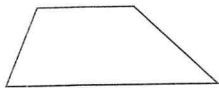
rhombus

all sides congruent
opposite sides parallel



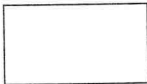
trapezoid

exactly one pair of parallel sides



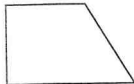
Circle the characteristics of each quadrilateral. Then classify the quadrilateral in as many ways as possible.

1.



opposite sides congruent
all sides congruent
opposite sides parallel
exactly one pair of parallel sides
4 right angles

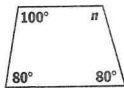
2.



opposite sides congruent
all sides congruent
opposite sides parallel
exactly one pair of parallel sides
4 right angles

Find the measure of the unknown angle.

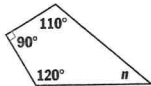
3.



$$80^\circ + n = 360^\circ$$

$$n = \underline{\hspace{2cm}}$$

4.



$$120^\circ + 90^\circ + 110^\circ + n = 360^\circ$$

$$n = \underline{\hspace{2cm}}$$