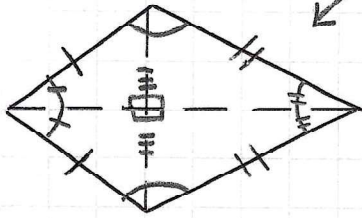


QUADRILATERAL FAMILY TREE

- 4 SIDES
- ANGLES ADD TO 360°

KITE



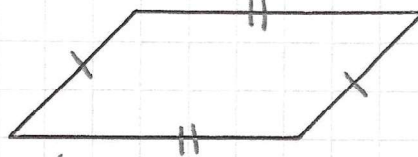
- TWO PAIRS OF $\cong$ SIDES
- DIAG. ARE $\perp$
- ONE DIAG. $\textcircled{B}$ THE OTHER
- SAME DIAG. $\textcircled{B}$ 2 ANGLES
- ONE PAIR OPP. ANGLES $\cong$

RHOMBUS



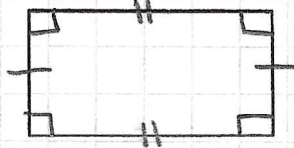
- ALL PROPS OF KITE
- ALL PROPS OF P-GRAM
- ALL SIDES $\cong$
- DIAG'S ARE $\angle$ BISECTORS.
- DIAG'S ARE $\perp \textcircled{B}$ OF EACH OTHER
- DIAG'S DIVIDE RHOMBUS INTO 4 $\cong$ RT. Δ 's.

PARALLELOGRAM



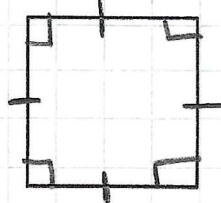
- OPPOSITE SIDES $\parallel$
- OPPOSITE SIDES $\cong$
- OPPOSITE ANGLES $\cong$
- DIAG. BISECT EACH OTHER
- CONSEC. ANGLES SUPP.

RECTANGLE



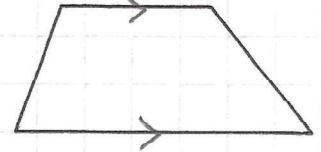
- ALL PROPS OF P-GRAM
- ALL ANGLES ARE RT. $\angle$'s
- DIAG. $\cong$

SQUARE



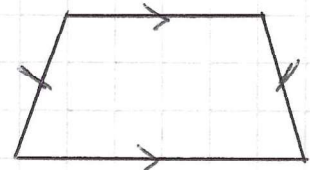
- ALL PROPS OF RHOMBUS
- ALL PROPS OF RECTANGLE
- DIAG'S DIVIDE SQUARE INTO 4 ISOS. RT Δ 's

TRAPEZOID



- BASES ARE $\parallel$

ISOSCELES TRAPEZOID



- LEGS ARE $\cong$
- BASES ARE $\parallel$
- LOWER BASE $\angle$'s $\cong$
- UPPER BASE $\angle$'s $\cong$
- DIAG. ARE $\cong$
- ONE LOWER + ONE UPPER BASE $\angle$ SUPP.

