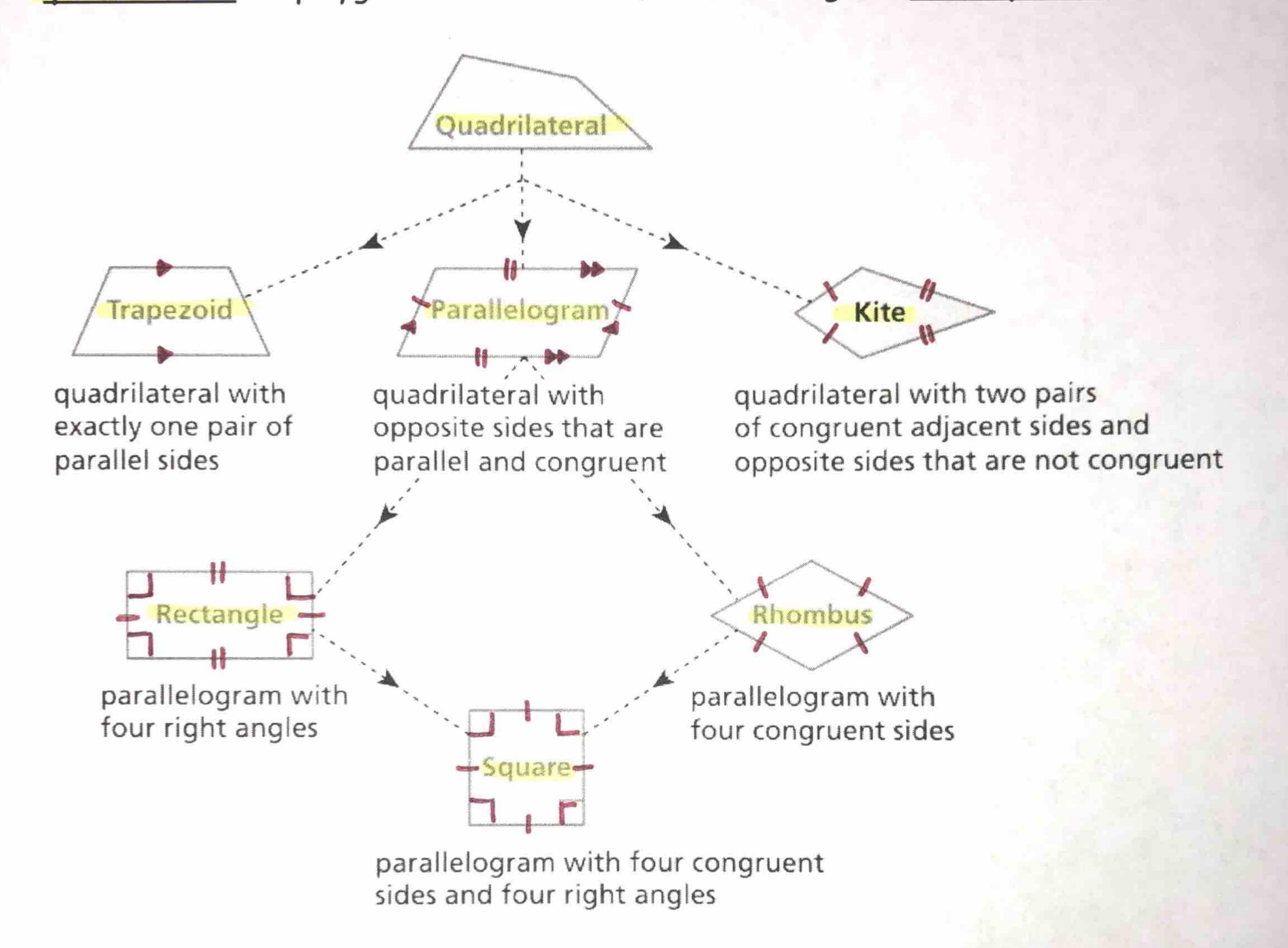
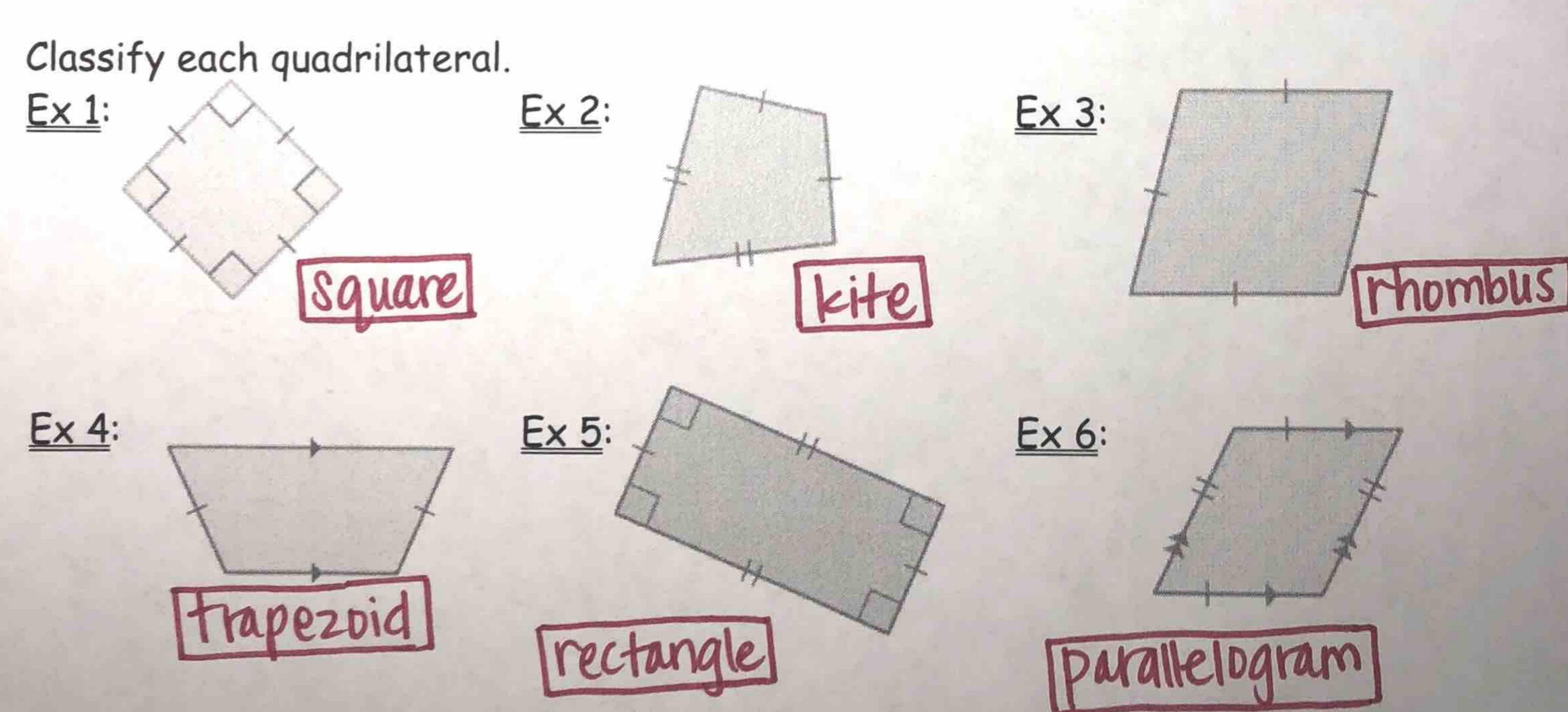
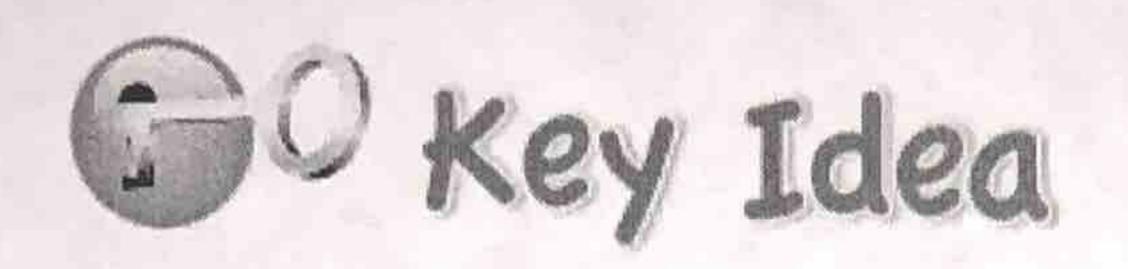
7.4 Quadrilaterals

quadrilateral - a polygon with four sides, when naming use most specific name



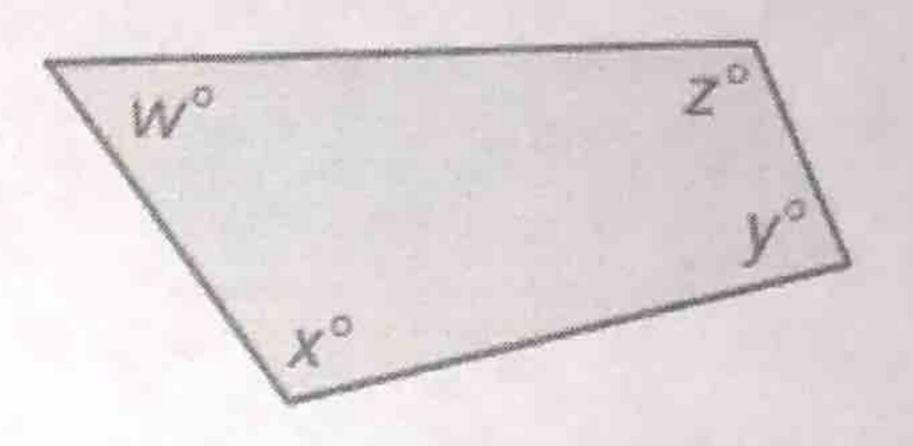




Sum of the Angle Measures of a Quadrilateral

Words The sum of the angle measures of a quadrilateral is 360°.

Algebra w + x + y + z = 360

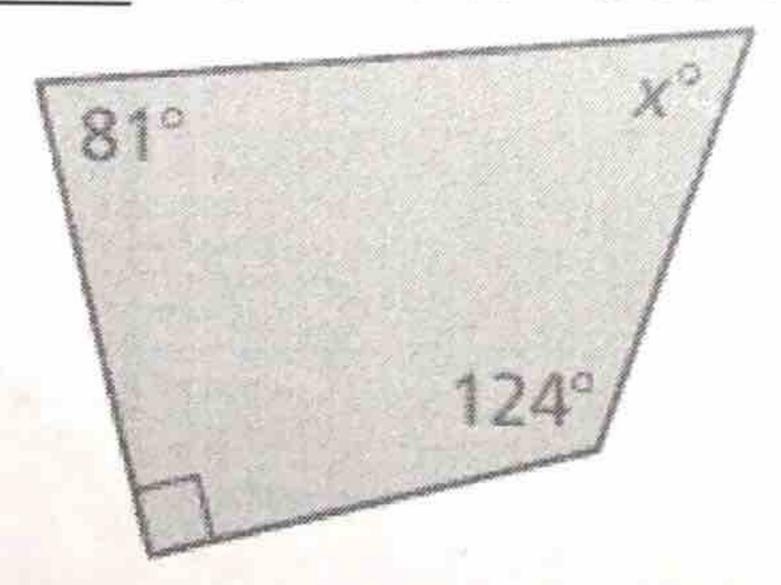


Ex 7: Find the value of x.

$$X + 115 + 70 + 75 = 360$$

 $X + 260 = 360$
 $-260 - 260$
 $X = 100$

Ex 8: Find the value of x.



$$X + 124 + 81 + 90 = 360$$

$$X + 295 = 360$$

$$-295 - 295$$

$$X = 65$$