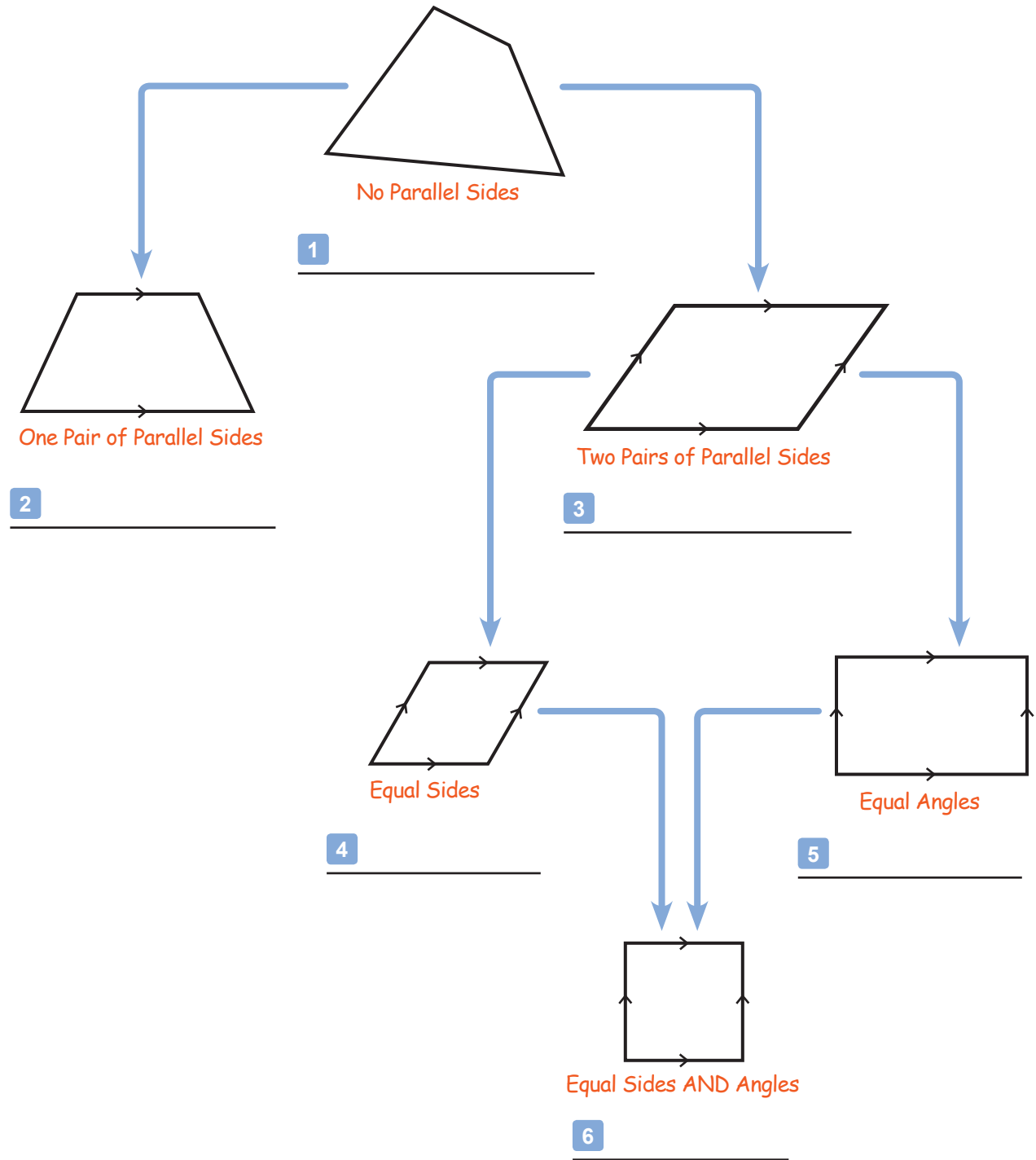


# Quadrilaterals Chart

G-QUAD 1

**Instructions:** Complete this quadrilaterals chart by filling in the blanks next to each number. The small arrow symbols on the edges of the quadrilaterals show you pairs of parallel sides.



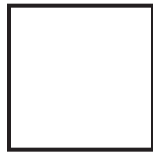
## Classifying Quadrilaterals

G-QUAD 2

**Instructions:** For these quadrilateral, check each box that applies. There may be multiple right answers because more than one term may apply to each quadrilateral. For example, a square is also technically a parallelogram.

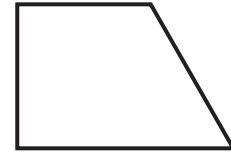
1

- Square
- Quadrilateral
- Trapezoid
- Parallelogram



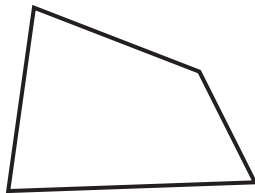
2

- Triangle
- Trapezoid
- Rhombus
- Quadrilateral



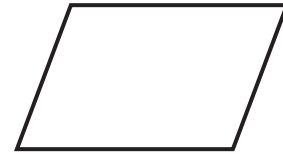
3

- Parallelogram
- Trapezoid
- Rectangle
- Quadrilateral



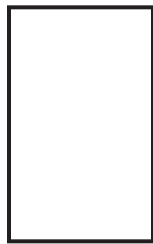
4

- Rectangle
- Quadrilateral
- Rhombus
- Parallelogram



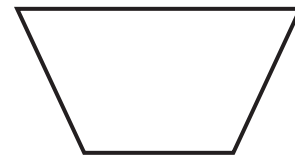
5

- Parallelogram
- Rhombus
- Square
- Rectangle



6

- Trapezoid
- Quadrilateral
- Rhombus
- Parallelogram



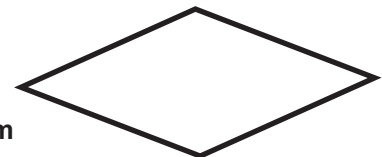
7

- Square
- Rhombus
- Rectangle
- Parallelogram



8

- Trapezoid
- Rhombus
- Parallelogram
- Square

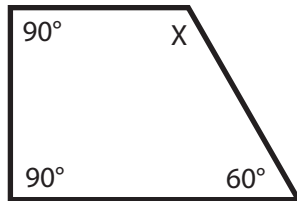


## Finding an Unknown Angle

G-QUAD 3

**Instructions:** For each quadrilateral, find the unknown angle (X). Remember that the four interior angles must add up to a total of 360 degrees.

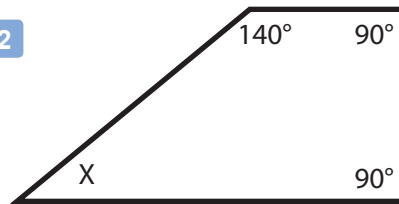
1



$m\angle X = \underline{120^\circ}$

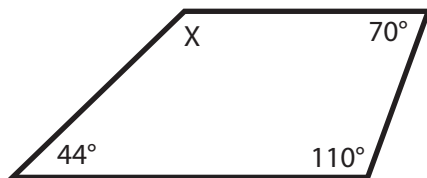
$$\begin{array}{r} 90 \\ 90 \\ + 60 \\ \hline 240 \end{array} \quad \begin{array}{r} 360 \\ - 240 \\ \hline 120 \end{array}$$

2



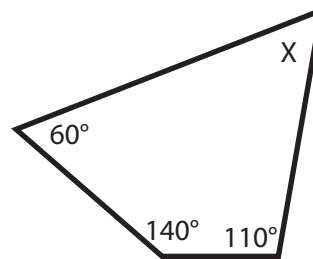
$m\angle X = \underline{\hspace{2cm}}$

3



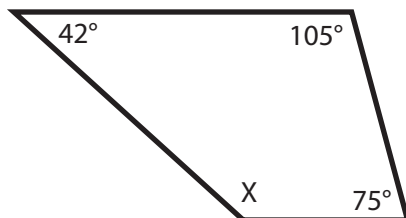
$m\angle X = \underline{\hspace{2cm}}$

4



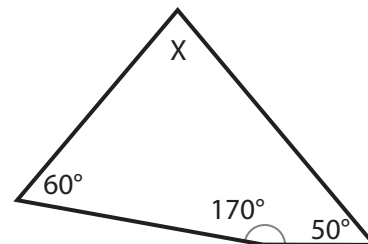
$m\angle X = \underline{\hspace{2cm}}$

5



$m\angle X = \underline{\hspace{2cm}}$

6



$m\angle X = \underline{\hspace{2cm}}$

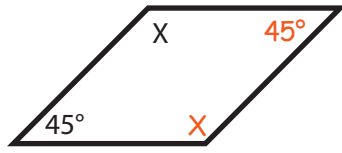


## Finding an Unknown Angle in a Parallelogram

G-QUAD 4

**Instructions:** For each parallelogram, find the unknown angle (X). Remember that the opposite angles in a parallelogram are equal, and that all four angles must add to a total of 360 degrees.

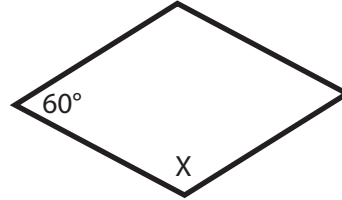
1



$$m\angle X = \underline{135^\circ}$$

$$\begin{array}{r} 1 \\ 45 \\ + 45 \\ \hline 90 \end{array} \quad \begin{array}{r} 2 \\ 360 \\ - 90 \\ \hline 270 \end{array} \quad \begin{array}{r} 135 \\ 2 \overline{)270} \end{array}$$

2



$$m\angle X = \underline{\hspace{2cm}}$$

3



$$m\angle X = \underline{\hspace{2cm}}$$

4



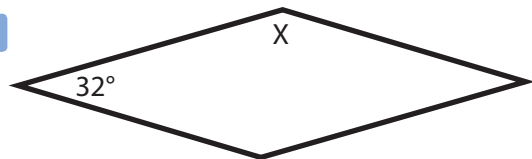
$$m\angle X = \underline{\hspace{2cm}}$$

5



$$m\angle X = \underline{\hspace{2cm}}$$

6



$$m\angle X = \underline{\hspace{2cm}}$$