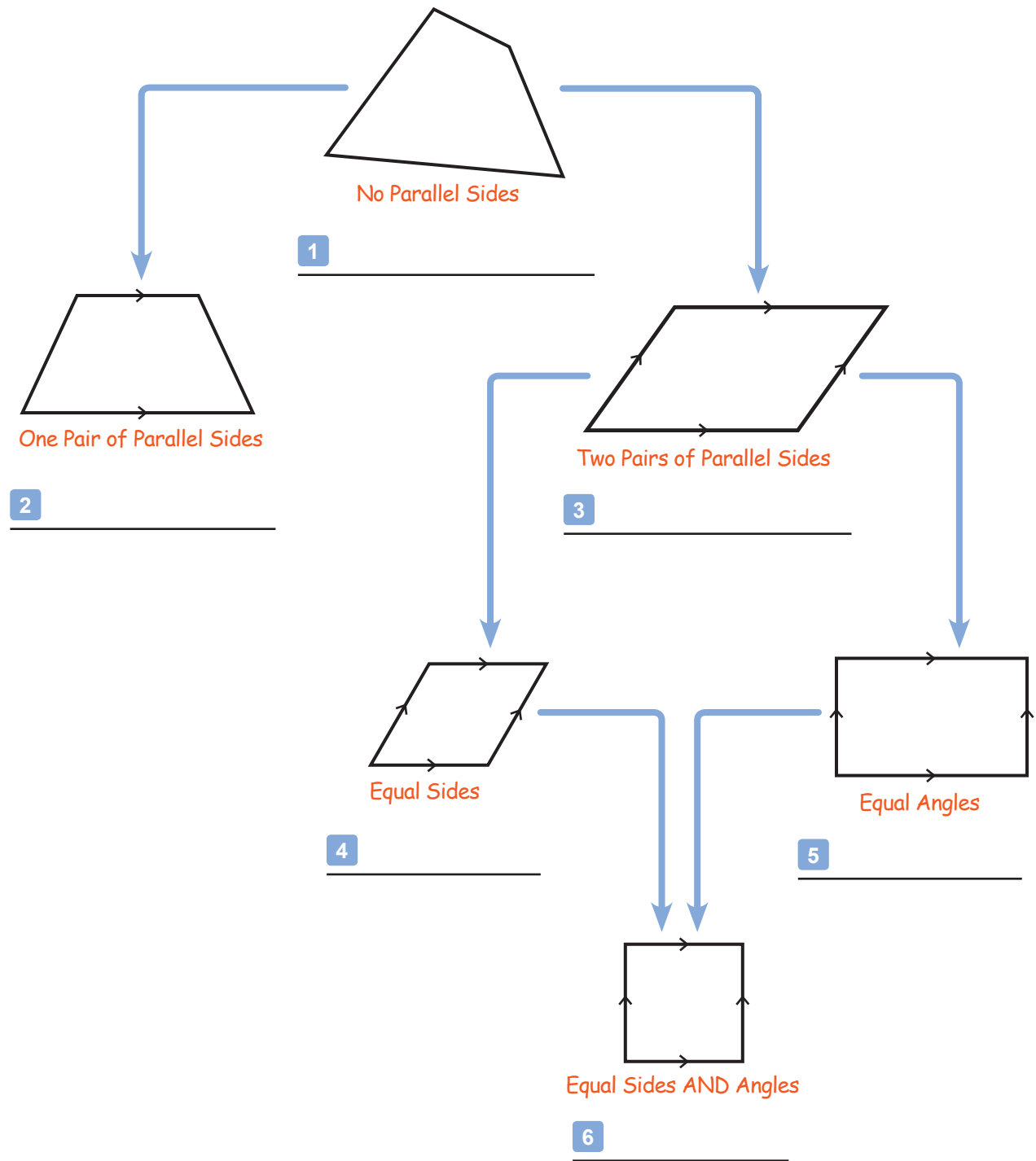


Quadrilaterals Chart

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.



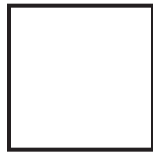
Classifying Quadrilaterals

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.

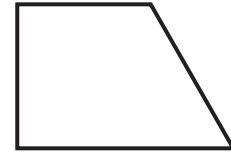
1

- Square
- Quadrilateral
- Trapezoid
- Parallelogram



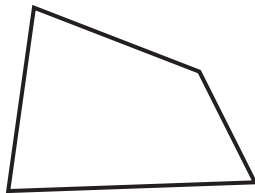
2

- Triangle
- Trapezoid
- Rhombus
- Quadrilateral



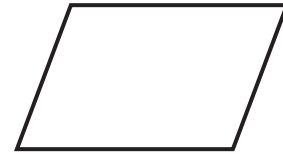
3

- Parallelogram
- Trapezoid
- Rectangle
- Quadrilateral



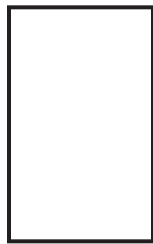
4

- Rectangle
- Quadrilateral
- Rhombus
- Parallelogram



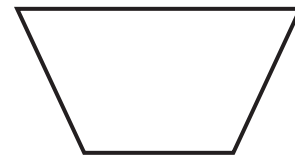
5

- Parallelogram
- Rhombus
- Square
- Rectangle



6

- Trapezoid
- Quadrilateral
- Rhombus
- Parallelogram



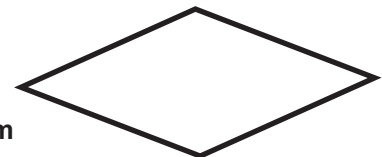
7

- Square
- Rhombus
- Rectangle
- Parallelogram



8

- Trapezoid
- Rhombus
- Parallelogram
- Square

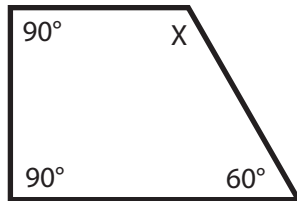


Finding an Unknown Angle

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.

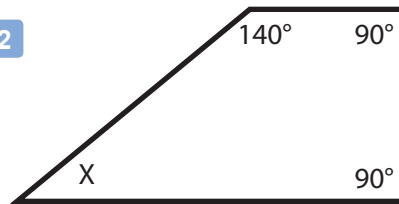
1



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

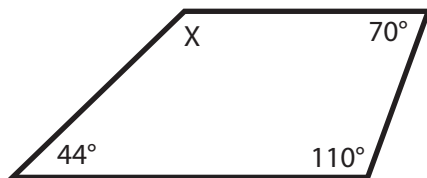
$$\begin{array}{r} 90 \\ 90 \\ + 60 \\ \hline 240 \end{array} \quad \begin{array}{r} 360 \\ - 240 \\ \hline 120 \end{array}$$

2



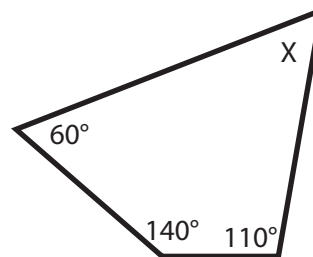
$$m\angle X = \underline{\hspace{2cm}}$$

3



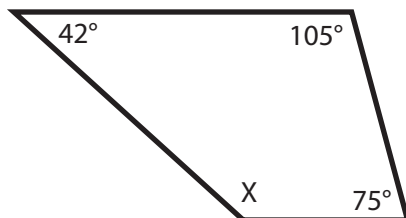
$$m\angle X = \underline{\hspace{2cm}}$$

4



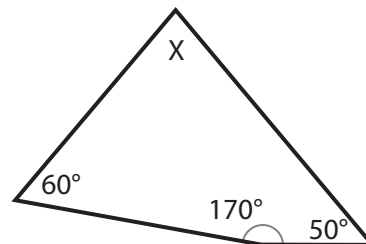
$$m\angle X = \underline{\hspace{2cm}}$$

5



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

6



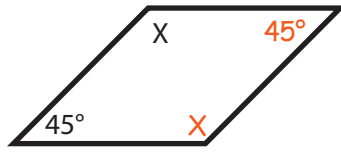
$$m\angle X = \underline{\hspace{2cm}}$$

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.

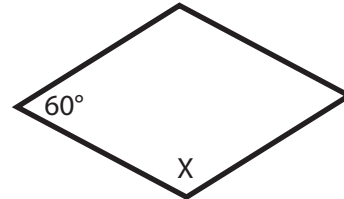
1



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

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

2



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

3



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

4



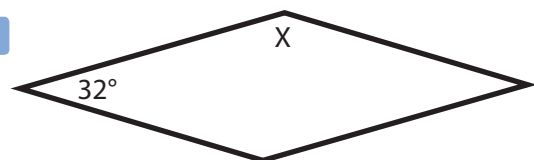
$$m\angle X = \underline{\hspace{2cm}}$$

5



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

6



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