

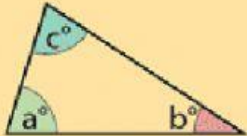
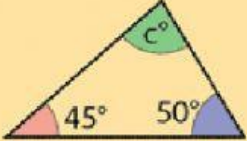
Name: _____

Math Assignment

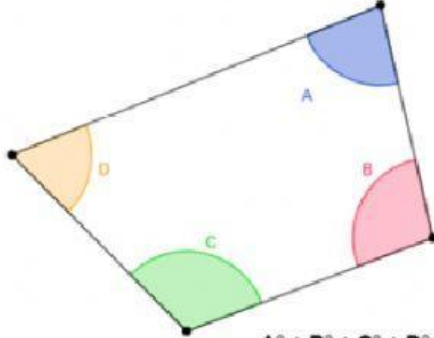
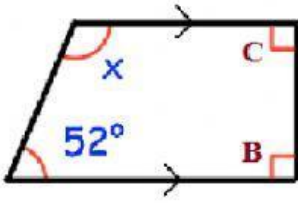
Note: Interior angles of triangles always add to 180° , Interior angles of quadrilaterals always add to 360°

the sum of the angles in a triangle is 180°

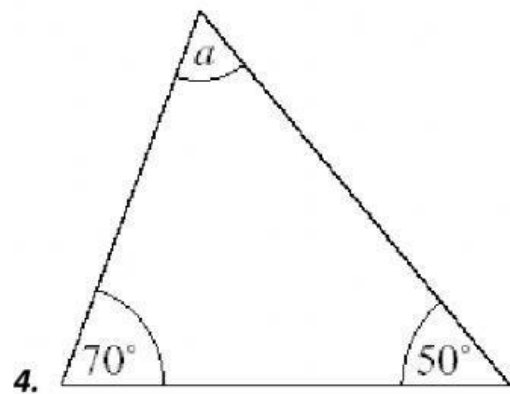
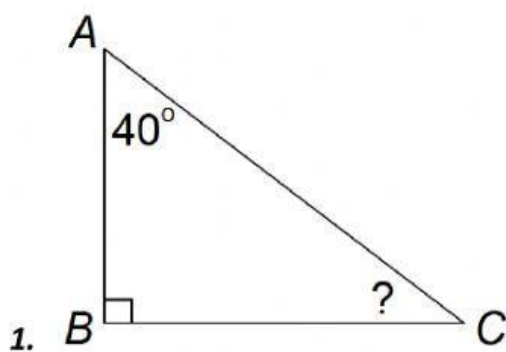
Angles in a Triangle


$$a^\circ + b^\circ + c^\circ = 180^\circ$$

$$\begin{aligned} 45^\circ + 50^\circ + c^\circ &= 180^\circ \\ 45^\circ + 50^\circ &= 95^\circ \\ c^\circ &= 180^\circ - 95^\circ \\ c^\circ &= 85^\circ \end{aligned}$$

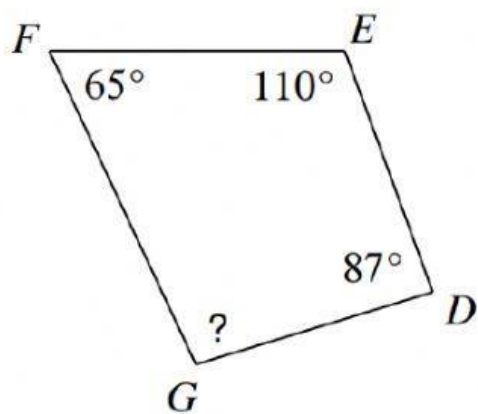
Sum of interior angles in a quadrilateral = 360°


$$A^\circ + B^\circ + C^\circ + D^\circ = 360^\circ$$

$$\begin{aligned} 52^\circ + 90^\circ + 90^\circ + x^\circ &= 360^\circ \\ 232^\circ + x^\circ &= 360^\circ \\ 360^\circ - 232^\circ &= 128^\circ \end{aligned}$$

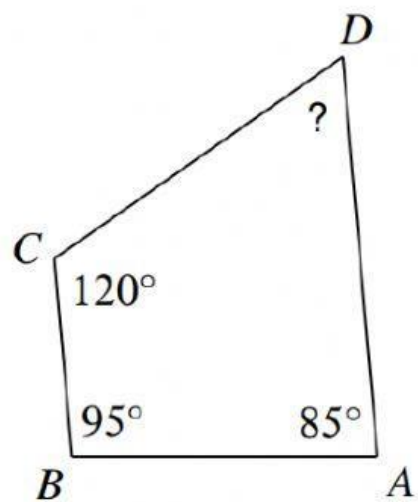
Solve for the missing angle. Your answer is to be written using the word degrees along with your number. **Eg: 45 degrees.**



2.



5.



3.

