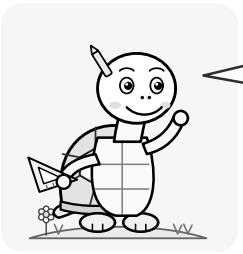
Name : _____ Date : _____

PAPILUMO | 1st Grade (ages 6–7) | Answer key

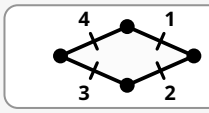
# Polygons: Sides and Vertices

Mark each corner (vertex) with a pencil dot, count the straight sides and vertices, then write both numbers.



**Balthazar the turtle checks every garden sign: help him dot each corner and count all sides and vertices!**

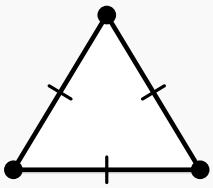
**Example: a diamond has 4 straight sides (ticks) and 4 sharp vertices (black dots).**




Diamond → Sides: 4 Vertices: 4

## 1. Dot each vertex and count the sides and vertices of every polygon

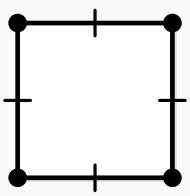
### A Triangle



Sides: 3

Vertices: 3

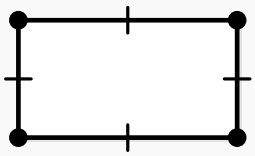
### B Square



Sides: 4

Vertices: 4

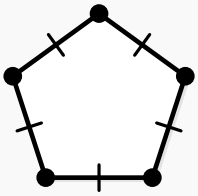
### C Rectangle



Sides: 4

Vertices: 4

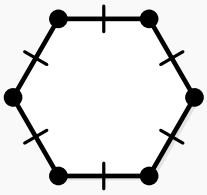
### D Pentagon



Sides: 5

Vertices: 5

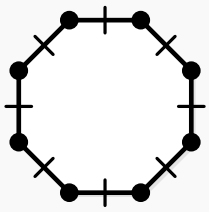
### E Hexagon



Sides: 6

Vertices: 6

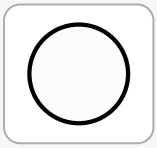
### F Octagon



Sides: 8

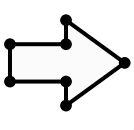
Vertices: 8

## 2. Look and compare: curved edge or straight-sided polygon?



**Circle**

0 straight sides · 0 vertices (curved edge)



**Arrow (7 sides · 7 vertices)**

In any closed straight-sided polygon: sides = vertices!

ⓘ Balthazar's tip: dot every corner and mark each straight side with a tiny tick so you never count the same edge twice.