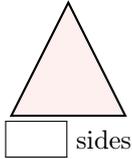


# 2D SHAPES

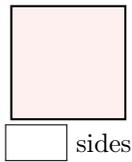
## A PLANE GEOMETRY

### A.1 FINDING THE SIDES

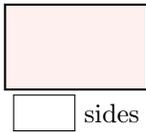
**Ex 1:** How many sides does this shape have?



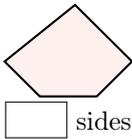
**Ex 2:** How many sides does this shape have?



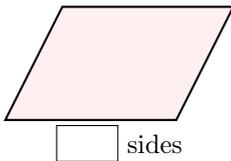
**Ex 3:** How many sides does this shape have?



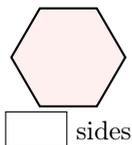
**Ex 4:** How many sides does this shape have?



**Ex 5:** How many sides does this shape have?

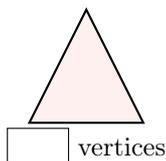


**Ex 6:** How many sides does this shape have?

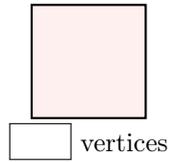


### A.2 FINDING THE VERTICES

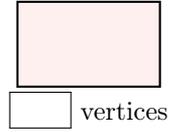
**Ex 7:** How many vertices does this shape have?



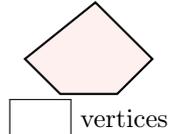
**Ex 8:** How many vertices does this shape have?



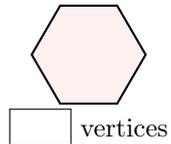
**Ex 9:** How many vertices does this shape have?



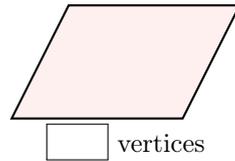
**Ex 10:** How many vertices does this shape have?



**Ex 11:** How many vertices does this shape have?



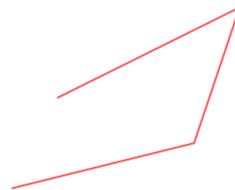
**Ex 12:** How many vertices does this shape have?



## B POLYGONS

### B.1 IDENTIFYING POLYGONS

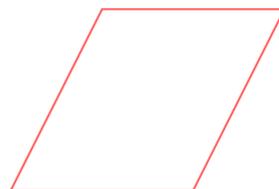
**MCQ 13:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

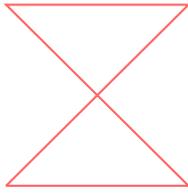
**MCQ 14:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

**MCQ 15:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

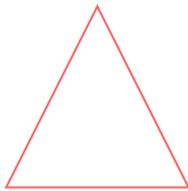
**MCQ 16:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

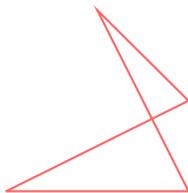
**MCQ 17:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

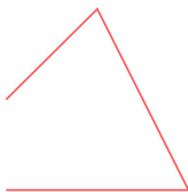
**MCQ 18:** Is this figure a polygon?



**Pick the correct answer:**

- Yes
- No

**MCQ 19:** Is this figure a polygon?

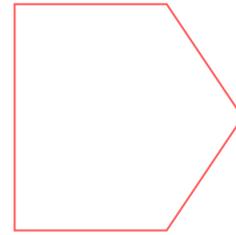


**Pick the correct answer:**

- Yes
- No

## B.2 NAMING POLYGONS

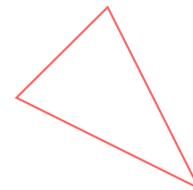
**MCQ 20:** What is the name of this polygon?



**Pick the correct answer:**

- Triangle
- Quadrilateral
- Pentagon
- Hexagon

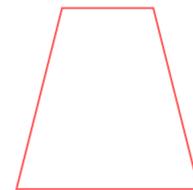
**MCQ 21:** What is the name of this polygon?



**Pick the correct answer:**

- Triangle
- Quadrilateral
- Pentagon
- Hexagon

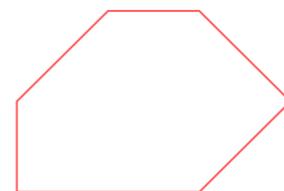
**MCQ 22:** What is the name of this polygon?



**Pick the correct answer:**

- Triangle
- Quadrilateral
- Pentagon
- Hexagon

**MCQ 23:** What is the name of this polygon?

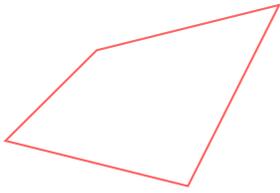


**Pick the correct answer:**



- Triangle
- Quadrilateral
- Pentagon
- Hexagon

MCQ 24: What is the name of this polygon?



Pick the correct answer:

- Triangle
- Quadrilateral
- Pentagon
- Hexagon

### B.3 DRAWING POLYGONS

Ex 25: Draw a triangle.

Ex 26: Draw a quadrilateral.

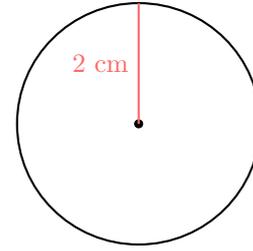
Ex 27: Draw a pentagon.

Ex 28: Draw a hexagon.

## C CIRCLES

### C.1 FINDING DIAMETERS

Ex 29: What is the radius and what is the diameter of this circle?



Radius =  cm  
Diameter =  cm

Ex 30: The wheel of a child's bicycle is a circle with a radius of 15 cm. What is its diameter?



Diameter =  cm

Ex 31: A pizza is a circle with a radius of 15 cm. What is its diameter?



Diameter =  cm

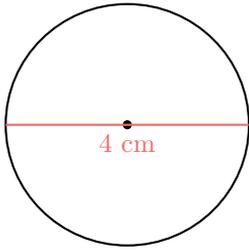
Ex 32:  The Earth is a sphere with a radius of 6 000 km. What is its diameter?



Diameter =  km

## C.2 FINDING RADII

**Ex 33:** What is the radius and what is the diameter of this circle?



Radius =  cm  
Diameter =  cm

**Ex 34:** The wheel of a child's bicycle is a circle with a diameter of 30 cm. What is its radius?



Radius =  cm

**Ex 35:** A pizza is a circle with a diameter of 30 cm. What is its radius?



Radius =  cm

**Ex 36:**  The Earth is a sphere with a diameter of 12 000 km. What is its radius?



Radius =  km