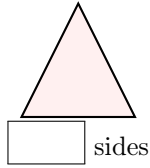


2D SHAPES

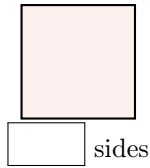
A PLANE GEOMETRY

A.1 FINDING THE SIDES

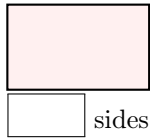
Ex 1: How many sides does this shape have?



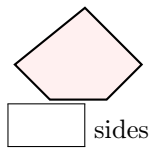
Ex 2: How many sides does this shape have?



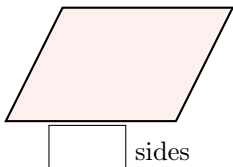
Ex 3: How many sides does this shape have?



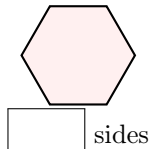
Ex 4: How many sides does this shape have?



Ex 5: How many sides does this shape have?

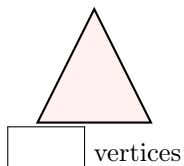


Ex 6: How many sides does this shape have?

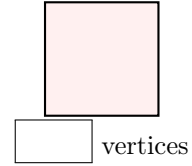


A.2 FINDING THE VERTICES

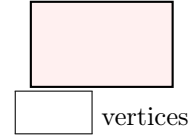
Ex 7: How many vertices does this shape have?



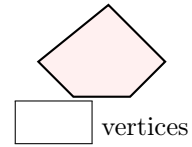
Ex 8: How many vertices does this shape have?



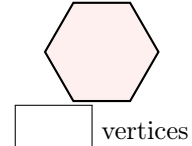
Ex 9: How many vertices does this shape have?



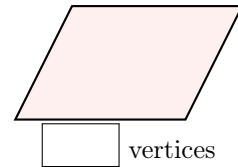
Ex 10: How many vertices does this shape have?



Ex 11: How many vertices does this shape have?



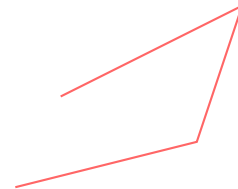
Ex 12: How many vertices does this shape have?



B POLYGONS

B.1 IDENTIFYING POLYGONS

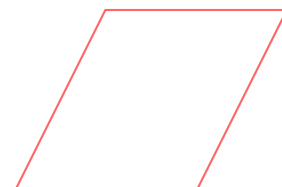
MCQ 13: Is this figure a polygon?



Pick the correct answer:

- ☐ Yes
☐ No

MCQ 14: Is this figure a polygon?

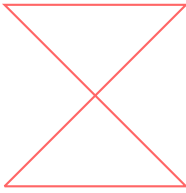


Pick the correct answer:

☐ Yes

☐ No

MCQ 15: Is this figure a polygon?

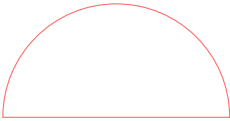


Pick the correct answer:

☐ Yes

☐ No

MCQ 16: Is this figure a polygon?



Pick the correct answer:

☐ Yes

☐ No

MCQ 17: Is this figure a polygon?

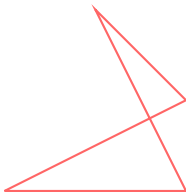


Pick the correct answer:

☐ Yes

☐ No

MCQ 18: Is this figure a polygon?



Pick the correct answer:

☐ Yes

☐ No

MCQ 19: Is this figure a polygon?



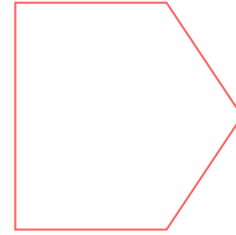
Pick the correct answer:

☐ Yes

☐ No

B.2 NAMING POLYGONS

MCQ 20: What is the name of this polygon?



Pick the correct answer:

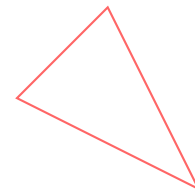
☐ Triangle

☐ Quadrilateral

☐ Pentagon

☐ Hexagon

MCQ 21: What is the name of this polygon?



Pick the correct answer:

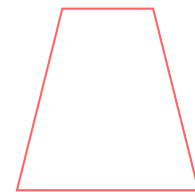
☐ Triangle

☐ Quadrilateral

☐ Pentagon

☐ Hexagon

MCQ 22: What is the name of this polygon?



Pick the correct answer:

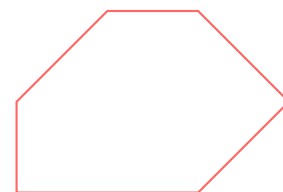
☐ Triangle

☐ Quadrilateral

☐ Pentagon

☐ Hexagon

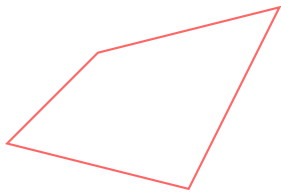
MCQ 23: What is the name of this polygon?



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 with 3 straight sides that connect to form a closed shape.

Ex 26: Draw a quadrilateral with 4 straight sides that connect to form a closed shape.

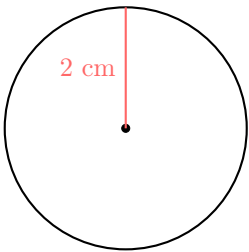
Ex 27: Draw a pentagon with 5 straight sides that connect to form a closed shape.

Ex 28: Draw a hexagon with 6 straight sides that connect to form a closed shape.

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?





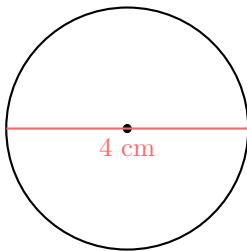
Diameter = km



Radius = 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 circle with a diameter of 12,000 km. What is its radius?