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?



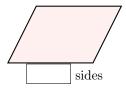
Ex 3: How many sides does this shape have?



Ex 4: How many sides does this shape have?



Ex 5: How many sides does this shape have?

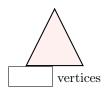


Ex 6: How many sides does this shape have?

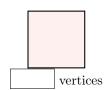


A.2 FINDING THE VERTICES

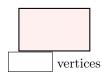
Ex 7: How many vertices does this shape have?



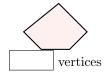
Ex 8: How many vertices does this shape have?



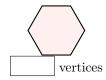
Ex 9: How many vertices does this shape have?



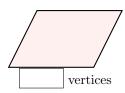
Ex 10: How many vertices does this shape have?



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?



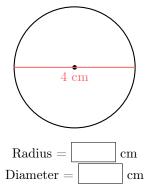
Pick the correct answer:

□ V _{oc}	
□ Yes □ No	B.2 NAMING POLYGONS
	MCQ 20: What is the name of this polygon?
MCQ 15: Is this figure a polygon?	
Pick the correct answer:	P. L. U
□ Yes	Pick the correct answer:
□ No	☐ Triangle
MCQ 16: Is this figure a polygon?	☐ Quadrilateral
	□ Pentagon
	☐ Hexagon
Pick the correct answer:	MCQ 21: What is the name of this polygon?
□ Yes	
□ No	
MCQ 17: Is this figure a polygon?	
	Pick the correct answer:
	☐ Triangle
	\square Quadrilateral
Pick the correct answer:	□ Pentagon
□ Yes	☐ Hexagon
□ No	MCQ 22: What is the name of this polygon?
MCQ 18: Is this figure a polygon?	
Pick the correct answer:	Pick the correct answer:
□ Yes	☐ Triangle
□ No	☐ Quadrilateral
MCQ 19: Is this figure a polygon?	□ Pentagon
	☐ Hexagon
	MCQ 23: What is the name of this polygon?
Pick the correct answer:	
□ Yes	
□ No	Pick the correct answer:

☐ Triangle ☐ Quadrilateral	C CIRCLES
□ Pentagon	C.1 FINDING DIAMETERS
☐ Hexagon	Ex 29: What is the radius and what is the diameter of this
MCQ 24: What is the name of this polygon?	circle?
Pick the correct answer: □ Triangle	$\operatorname{Radius} = \phantom{AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA$
□ Quadrilateral	Diameter = cm
□ Pentagon	Ex 30: The wheel of a child's bicycle is a circle with a radius of
☐ Hexagon	15 cm. What is its diameter?
B.3 DRAWING POLYGONS	
Ex 25: Draw a triangle.	
	$\operatorname{Diameter} = igcup_{\operatorname{cm}}$
	Ex 31: A pizza is a circle with a radius of 15 cm. What is its diameter?
Ex 26: Draw a quadrilateral.	
Ex 27: Draw a pentagon.	$\operatorname{Diameter} = igcup_{\operatorname{cm}} \operatorname{cm}$
	Ex 32: The Earth is a sphere with a radius of 6,000 km. What is its diameter?
Ex 28: Draw a hexagon.	
	$ ext{Diameter} = ext{km}$

C.2 FINDING RADII

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



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



Radius = cm

 \mathbf{Ex} 35: A pizza is a circle with a diameter of 30 cm. What is its radius?



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



Radius = km