

Grade 4 Math Worksheet: Understanding Shapes (Difficulty Level: Intermediate)

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Name: Date:				
Section 1: Shape Classi	fication			
1. Identify each sha	pe as "2D"	or "3D":		
Shape		Classifica	ation	
Hexagon				
Rectangular Prism				
Cube				
Cone				
Circle				
Sphere				
Triangle				
Cylinder				
	•			
2. For each shape, wr	ite if it has	e etrainht s	ides curved	surfaces or both
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Section 2: Counting D	roportion			
Section 2: Counting P 1. Complete the ta for each shape:	_	unting the	number of fa	aces, edges, and vertices
Shape	Faces	Edges	Vertices	
Cube				



 Triar			1				I		
	ngular F	Prism							
Sphe	ere								
Cone									
Saus	are Pyr	amid							
.	4		45						
. An	swer t	he followir	ig questic	ons:					
•	Which	n shape ha	s no vertic	es?		_			
•	Which	n shape ha	s five face	s?					
•	Which	n two shape	es have or	nly flat su	ırfaces? _				
••			entences: and a tri		prism ar	e differe	ent beca	iuse a tria	ngle is
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••	0	A triangle A cylinde	and a tri while a r has ce.	angular a triangul	ar prism circular f	is faces, w	hile a c	one has _	
••	0	A cylinder circular fa	e and a tri while a er has ce. nd a recta	angular a triangul angular p	ar prism of circular for the circular fo	is faces, w	hile a c	one has _	
	0	A cylinder circular fat A cube has	and a tri while a r has ce.	angular a triangul angular p	ar prism of circular for the circular fo	is faces, w	hile a c	one has _	
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o Cylinder: _____



0	Triangular Prism:
2. Desc	ribe the 3D shape that best represents each of the following:
0	A box of cereal:
0	A party hat:
0	A basketball:
0	A tent with a triangular base:
Section 5:	Drawing and Visualizing Shapes
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Section 5:	Drawing and Visualizing Shapes and Label: Draw a triangular prism and label its faces, edges, and vertices.
Section 5:	Drawing and Visualizing Shapes

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