

2nd Grade Critical Standards

TEKS 2.8B: *classify and sort three-dimensional solids, including spheres, cones, cylinders, rectangular prisms (including cubes as special rectangular prisms) based on attributes using formal geometric language.*


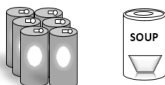

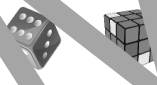


Activity Directions:




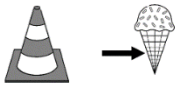
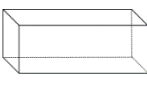

Items needed: activity, scissors, glue

1. Copy the activity for each student or partner group.
2. Cut apart the activity cards. Student(s) should complete each section of the diagram by selecting the matching figure, identifying numbers, and real-life examples that identify the three-dimensional solid.
3. Once all matches are made, students should glue the cards in place. (See below.)
4. Practice questions coded to TEKS 2.8B.

Name: _____ Date: _____

Find the cards that match each solid. After all matches are made, glue the cards in place.

Solid	How many?		Real-Life Examples
 Cylinder	Bases	2 circular bases	
	Edges	0 edges	
	Vertices	0 vertices	
 Cube	Faces	6 square faces	
	Edges	12 edges	
	Vertices	8 vertices	
 Sphere	Bases	0 bases	
	Edges	0 edges	
	Vertices	0 vertices	

Solid	How many?		Real-Life Examples
 Triangular Prism	Faces	5 faces	
	Edges	9 edges	
	Vertices	6 vertices	
 Cone	Bases	1 circular base	
	Edges	0 edges	
	Apex	1 apex	
 Rectangular Prism	Faces	6 faces	
	Edges	12 edges	
	Vertices	8 vertices	

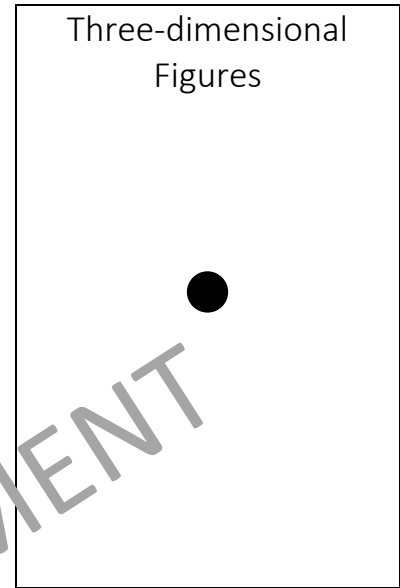
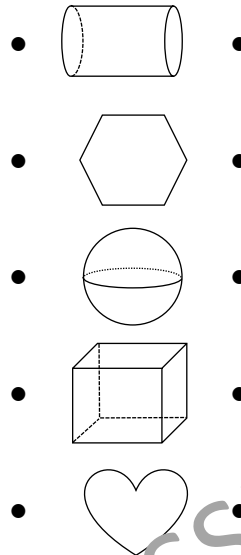
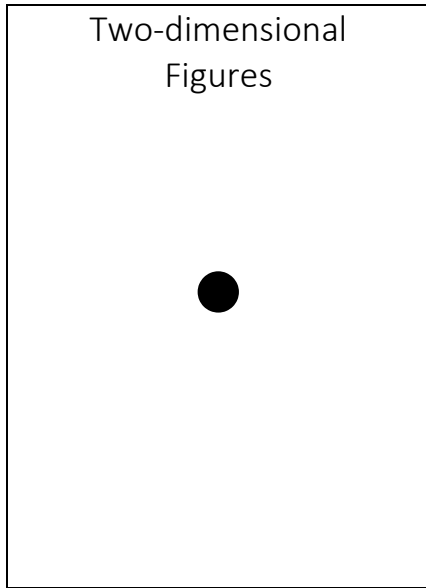
Name: _____

Date: _____

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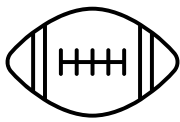
TEKS 2.8B Mini-Assessment

1. Sort the figures. Draw a line from the figure to the group it matches.



2. Circle the spheres.

Select **TWO** correct answers.



football



basketball



egg



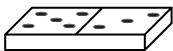
apple



globe

3. Circle the prisms.

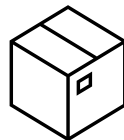
Select **TWO** correct answers.



domino



peanut



box


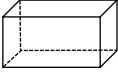







paper



bandage

4. Sort the figures. Draw a line from the figure to the group it matches.

Figures with Edges		Figures with NO Edges
	<ul style="list-style-type: none"><li data-bbox="743 195 984 275">•  •<li data-bbox="743 306 984 386">•  •<li data-bbox="743 417 984 497">•  •<li data-bbox="743 529 984 609">•  •<li data-bbox="743 640 984 720">•  •	

5. Circle the cylinders.

Select **TWO** correct answers.



donut



bowl



paint can



drum



coffee holder

6. Circle the cones.

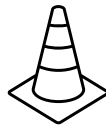
Select **TWO** correct answers.



umbrella



cupcake



highway warning

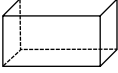





tree

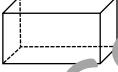





ice cream holder

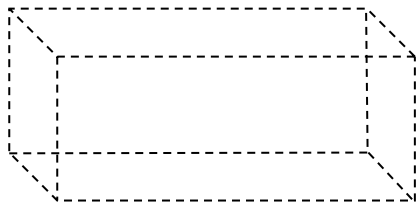
7. Sort the figures. Draw a line from the figure to the group(s) it matches.

<p>Figures with Faces</p> <p>●</p>	<p>●  ●</p> <p>●  ●</p> <p>●  ●</p> <p>●  ●</p>	<p>Figures with Bases</p> <p>●</p>
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8. Sort the figures. Draw a line from the figure to the group(s) it matches.

<p>Figures with Vertices</p> <p>●</p>	<p>●  ●</p> <p>●  ●</p> <p>●  ●</p> <p>●  ●</p>	<p>Figures with NO Vertices</p> <p>●</p>
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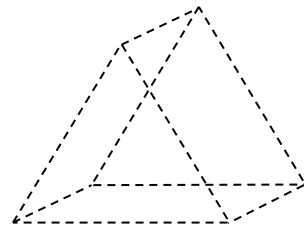
9. Trace the rectangular prism.



How many edges does it have?

Enter your answer in the box.

10. Trace the triangular prism.



How many edges does it have?

Enter your answer in the box.