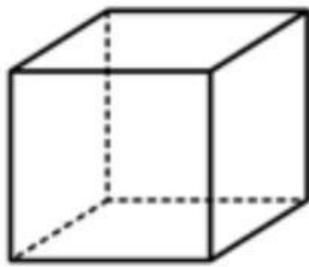


SHAPE DETECTIVE DRAWING WORKSHEET

Name: _____ Date: _____ Grade: _____

Identify and analyze the geometric properties of various 3D shapes by counting and recording their specific characteristics.

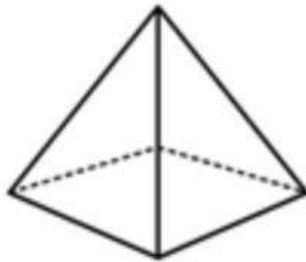


CUBE

Faces: _____

Edges: _____

Vertices: _____

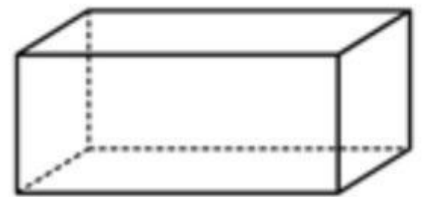


PYRAMID

Faces: _____

Edges: _____

Vertices: _____



RECTANGULAR PRISM

Faces: _____

Edges: _____

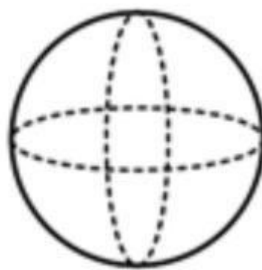
Vertices: _____



CYLINDER

Flat Surfaces: _____

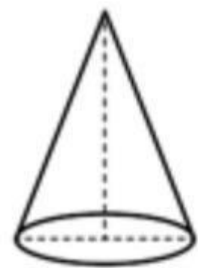
Curved Surfaces: _____



SPHERE

Flat Surfaces: _____

Curved Surfaces: _____



CONE

Flat Surfaces: _____

Curved Surfaces: _____



COMPOSITE SHAPE CHALLENGE

Match each object to its matching shape outline.



Geometric Shapes

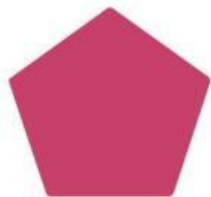
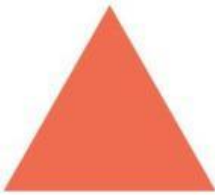
Look at the pictures and write the names of the 2D geometric shapes

CIRCLE
OVAL
STAR

TRIAPEZIUM
RECTANGLE
SEMICIRCLE

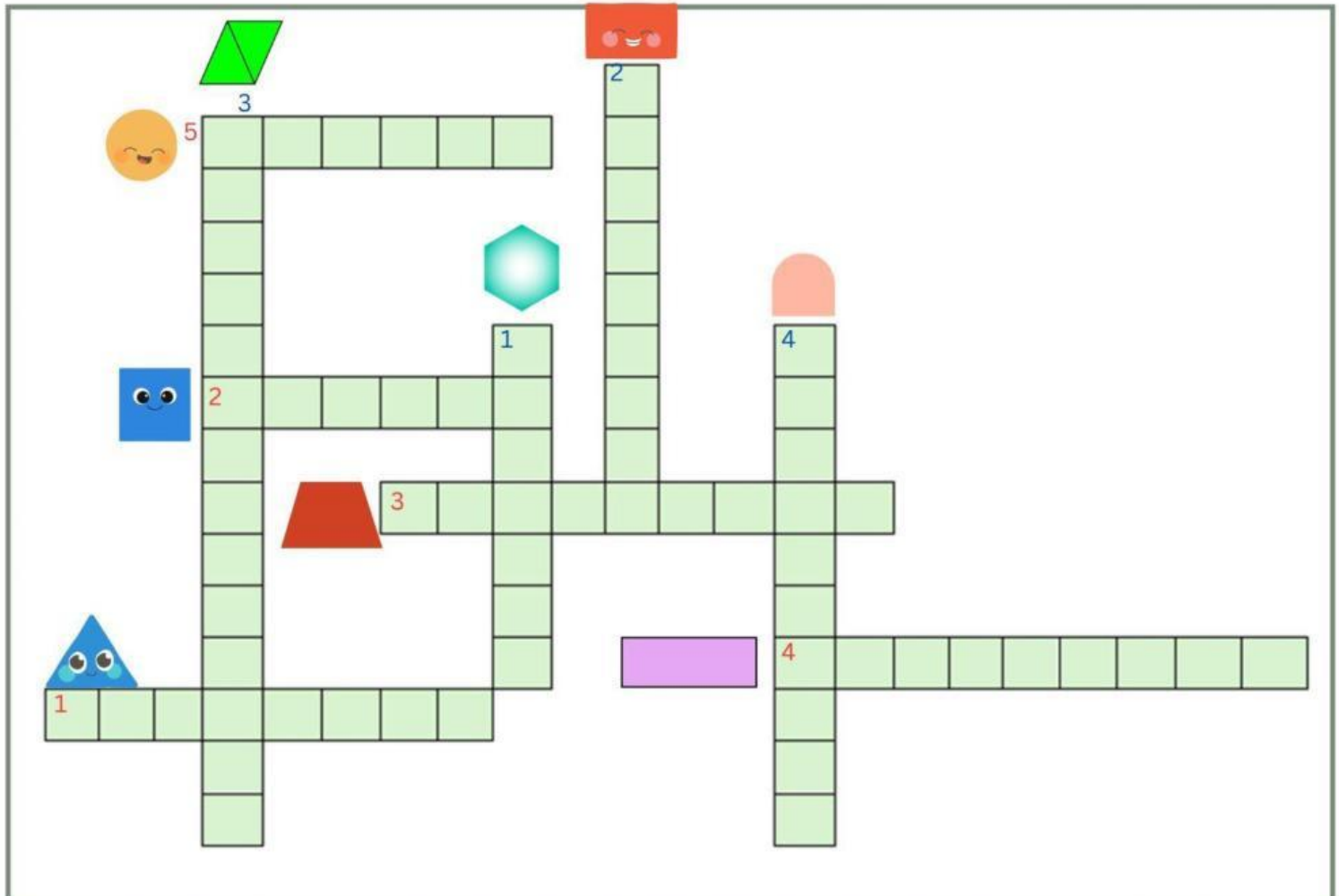
SQUARE
TRIANGLE
OCTAGON

PENTAGON
HEPTAGON
HEXAGON



DECONSTRUCTION CROSSWORD PUZZLE

Analyze the complex shape provided and complete the tasks.



Across











1. A shape with three equal sides
2. A shape with four equal sides
3. A shape with no parallel sides
4. A shape with two parallel sides
5. A shape with curved sides

Down

1. A shape with six equal sides
2. A shape with four right angles
3. A shape made up of three triangles
4. A shape with one curved side and two straight sides

Geometric Vocabulary Application Worksheet

Look at the pictures and select the correct words

	<div>Trapezium</div> <div>Triangle</div>		<div>Hexagon</div> <div>Trapezium</div>
	<div>Oval</div> <div>Circle</div>		<div>Heptagon</div> <div>Octagon</div>
	<div>Square</div> <div>Rectangle</div>		<div>Star</div> <div>Moon</div>
	<div>Rhombus</div> <div>Rectangle</div>		<div>Moon</div> <div>Heart</div>
	<div>Pentagon</div> <div>Hexagon</div>		<div>Circle</div> <div>Oval</div>