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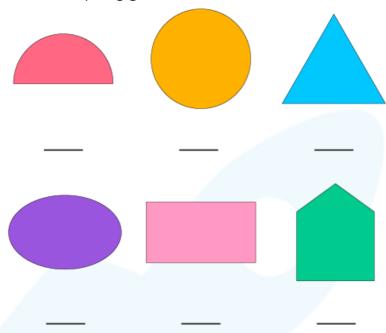
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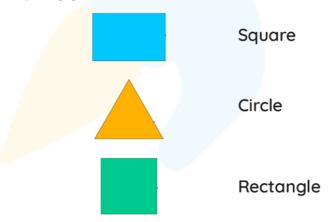


# **Identifying Polygon Worksheets**

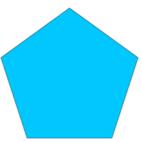
1) Write the names of each shape below and tick mark the shapes those are polygons.



2) Match the polygon to its name.

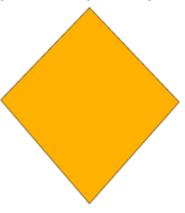


3) Identify the shape. It has ---- sides and ---- corners.





4) Is this a square polygon? Why? Why not?



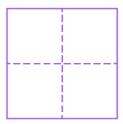
5) Identify the shape. Is this a polygon?



6) James made a new shape by putting 2 rectangles together. What shape has he made? Is it a polygon?

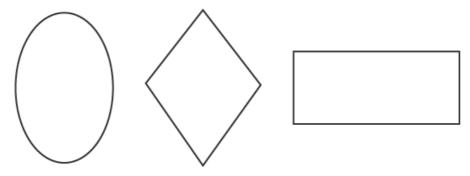


7) Which shapes are used to make this polygon?

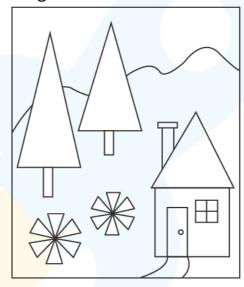




8) Color the polygons.



- 9) Count the number polygons.
  - a) Number of triangles = -----
  - b) Number of squares = -----
  - c) Number of rectangles = -----



10) Construct a polygon with 6 sides.



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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect.

She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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#### **ANSWERS**

a) Semicircle 1) b) circle c) triangle - Polygon with 3 sides d) oval e) rectangle - Polygon with 4 sides f) pentagon - Polygon with 5 sides Triangle 2) Square Rectangle 3) It is a pentag<mark>on. It has</mark> 5 sides and 5 corners. 4) No. it is not a square polygon. The corners are not straight. 5) This is a <u>Triangle</u>. It has <u>3</u> sides and <u>3</u> corners. It is a 3 sides polygon.



6)	James has made a rectangle with 2 rectangles. Yes it is a polygon with 4 sides.
7)	4 squares are used to make this Polygon.
8)	
9)	Number of triangles = 15  Number of rectangles = 4  Number of squares = 5  Number of total polygons - 24
10)	



# **FUN FACT**

- 1. Three-dimensional shapes have some thickness or depth.
- 2. Quadrilateral shapes are four-sided closed figures made with straight lines.
- 3. Polygons are closed geometric shapes made of straight lines. They are named after the number of sides they have.

