

GRADE

4

GEOMETRY KINGDOM

Shapes • Explore • Master



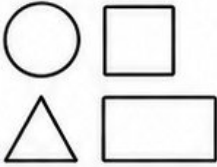
WELCOME, EXPLORER!

Get ready to learn shapes, lines, angles, symmetry, and fun geometry challenges.

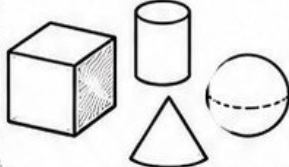
Become a true:

GEOMETRY MASTER!

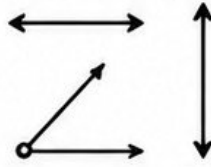
2D Shapes



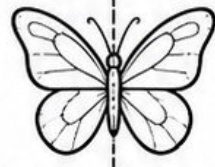
3D Shapes



Lines & Angles



Symmetry

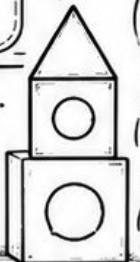


LET THE GEOMETRY ADVENTURE BEGIN!

Name: _____

Grade: _____

Date: _____

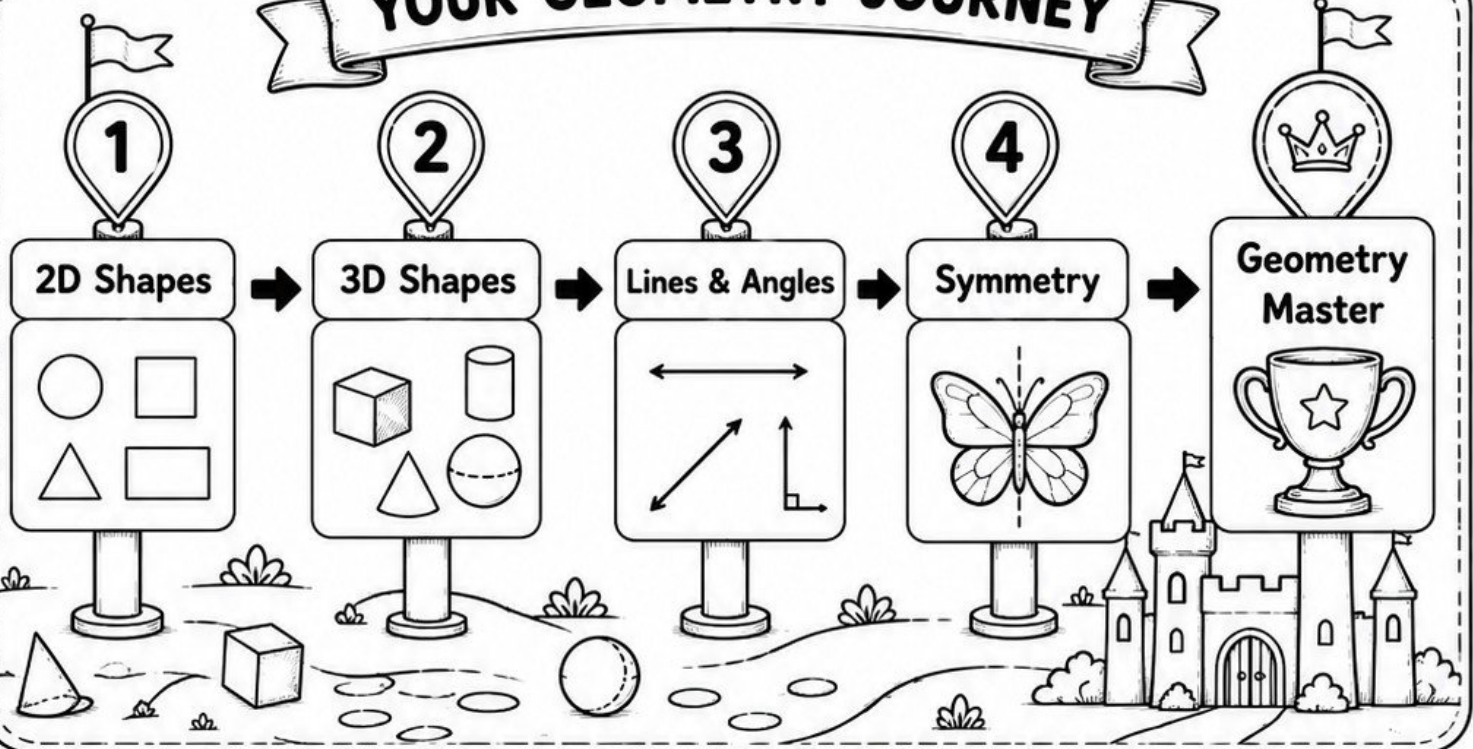


MISSION BRIEFING

WELCOME,
GEOMETRY EXPLORER!

Learn geometry
step by step
and complete your
shape adventure.

YOUR GEOMETRY JOURNEY



MISSION RULES



1. Observe
carefully



2. Solve
step by step



3. Check your
answers



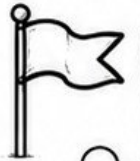
4. Complete every
challenge



5. Have
fun



LESSON PAGE 1 – SHAPE BASICS

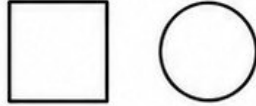


2D AND 3D SHAPES

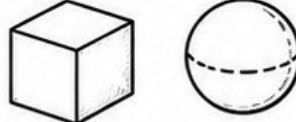
2D shapes are flat shapes.

3D shapes have length, width, and height.

EXAMPLES:



Square, Circle

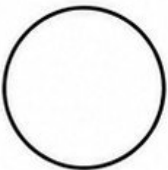



Cube, Sphere

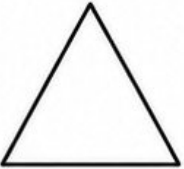


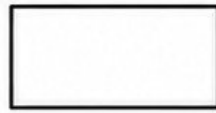
ACTIVITY 1 – IDENTIFY SHAPES

Look at each shape and write its name.

① 

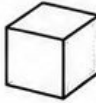
② 

③ 

④ 


ACTIVITY 2 – 2D OR 3D?

Look at each object and write 2D or 3D.

①  Cube →

②  Cone →

③  Triangle →

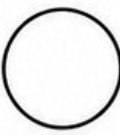
④  Circle →


⑤  Cylinder →

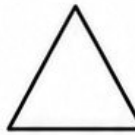
⑥  Rectangle →

MINI CHALLENGE

Which shape has 3 sides?

Ⓐ  Circle

Ⓑ  Square

Ⓒ  Triangle



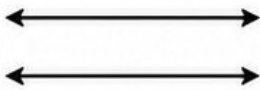
LESSON PAGE 2 – LINES, ANGLES AND SYMMETRY

LINES AND SYMMETRY

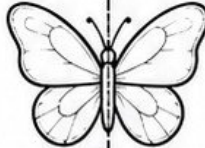
Lines can be straight, curved, parallel, or intersecting.
Symmetry means both sides match.

EXAMPLES:

Parallel lines



Line of symmetry



ACTIVITY 1 – IDENTIFY

Look at each figure and write its name.

-
-
-
-

ACTIVITY 2 – SYMMETRY

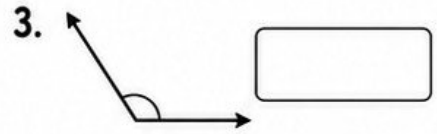
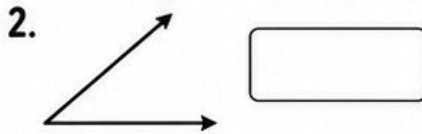
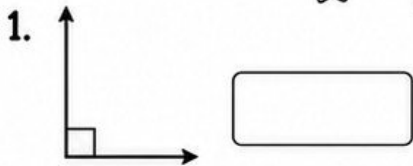
Which shapes have line symmetry?

Tick (✓) yes or cross (X) no.

Shape	Yes (✓)	No (X)
1.	<input type="checkbox"/>	<input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>
3.	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>

ACTIVITY 3 – ANGLES

Look at each angle and write its name.



FINAL GEOMETRY CHALLENGE

Find shapes in real life. Write the name of the shape each object looks like.

1. Door =

2. Ball =



3. Pizza slice =








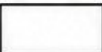
ANSWER KEY

Congratulations!
You completed
Geometry Kingdom.



SECTION 1: PAGE 3 ANSWERS


ACTIVITY 1 — IDENTIFY SHAPES

- 1. Circle 
- 2. Square 
- 3. Triangle 
- 4. Rectangle 

ACTIVITY 2 — 2D OR 3D?



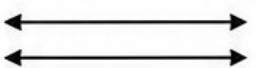

- 1. Cube → 3D
- 2. Cone → 3D
- 3. Triangle → 2D
- 4. Circle → 2D
- 5. Cylinder → 3D
- 6. Rectangle → 2D

MINI CHALLENGE





B. Square 

SECTION 2: PAGE 4 ANSWERS



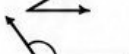
ACTIVITY 1 — IDENTIFY

- 1.  → Straight line
- 2.  → Curved line
- 3.  → Parallel lines
- 4.  → Intersecting lines

ACTIVITY 2 — SYMMETRY

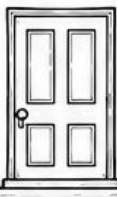
Shape	Yes (✓)	No (X)
1. 	✓	<input type="checkbox"/>
2. 	✓	<input type="checkbox"/>
3. 	<input type="checkbox"/>	✓
4. 	✓	<input type="checkbox"/>

ACTIVITY 3 — ANGLES

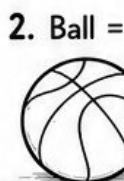
- 1.  → Right angle
- 2.  → Acute angle
- 3.  → Obtuse angle

FINAL GEOMETRY CHALLENGE

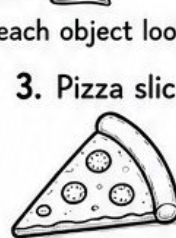
Find shapes in real life. Write the name of the shape each object looks like.



1. Door =
Rectangle



2. Ball =
Circle



3. Pizza slice =
Triangle



GEOMETRY QUEST COMPLETED!

Score: ____ / ____

Badge Earned (circle one):
Geometry Explorer / Geometry Master

