



# 8-9 YEARS | WEEK 01

## Math - Geometry

---

1. Quadrilaterals game

---

2. Reflections

---

3. 3D shape

---

4. Shape building

---

5. Make the given shape

---

6. 2D shapes - Identify

---

7. Shapes symmetry

---

8. Alphabet symmetry

---

9. Draw lines

---

10. Curved lines

---

11. Solve the puzzle

---

12. Solve the puzzle

---

13. Solve the puzzle

---

14. Solve the puzzle

---

15. Find the area - Rectangle

---

16. Find the area - Right-angled triangle

---

17. Coordinating the coordinates - Shapes

---

18. Coordinating the coordinates

---

19. Coordinating the coordinates

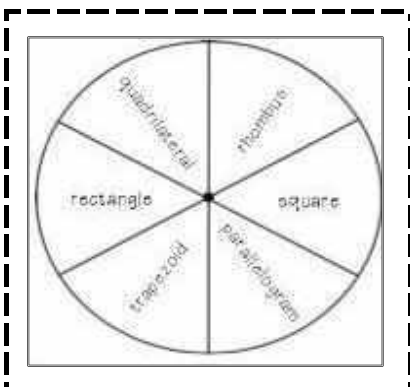
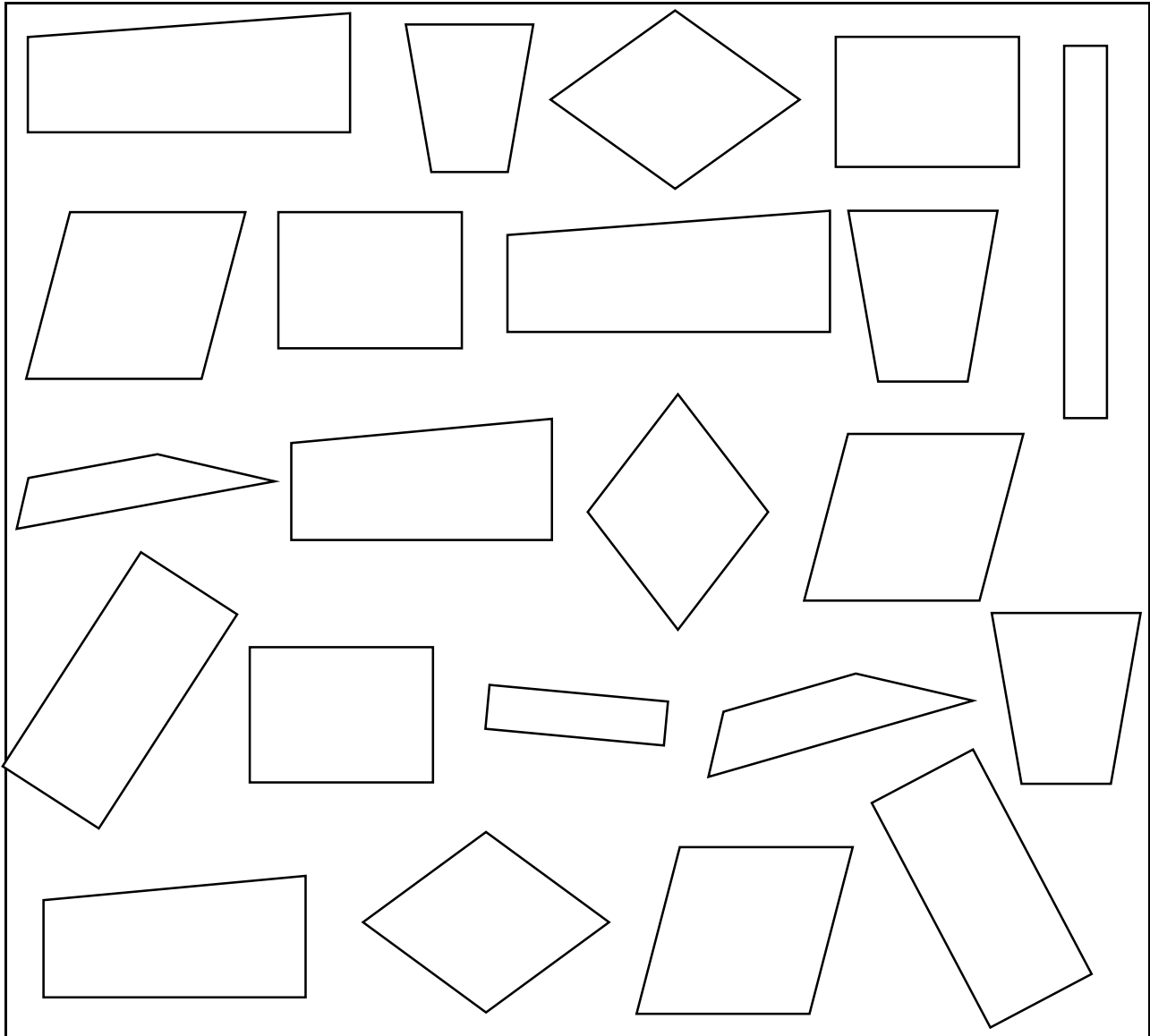
---

20. Coordinating the coordinates

# M: Geometry - Quadrilaterals game



Let us have some fun with quadrilaterals. Quadrilaterals have four sides. Play a little game here with your friend. Cut the paper along the dotted line to use it as a spinner. Use two different colours to colour the shapes below. Whoever gets more number of the same quadrilateral will win.



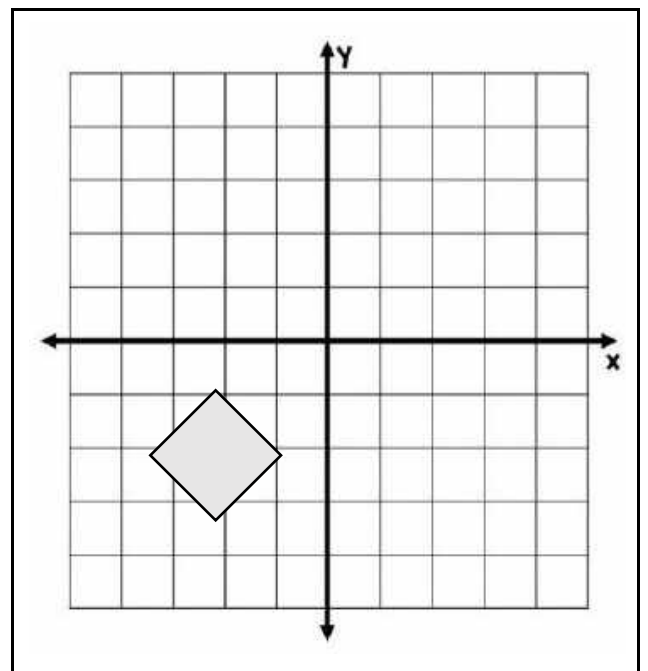
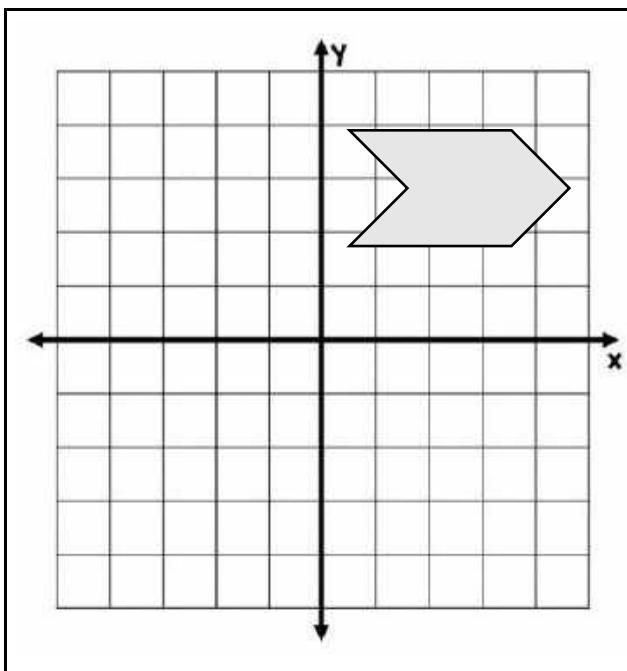
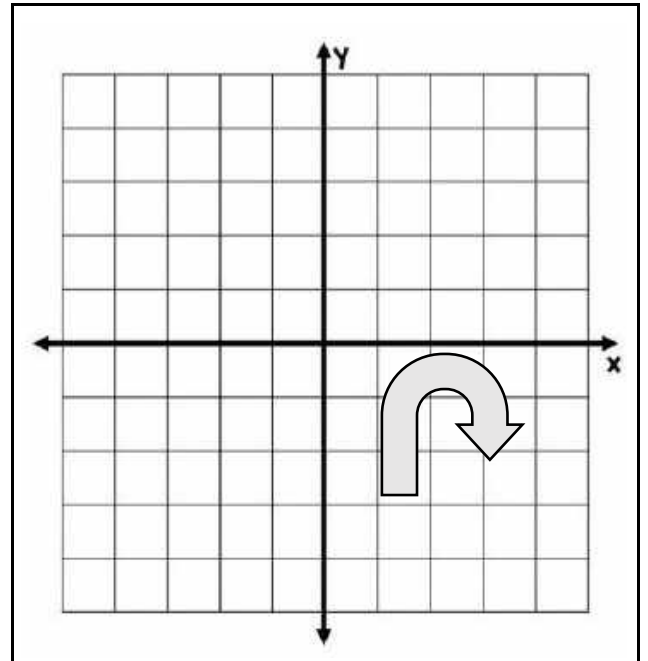
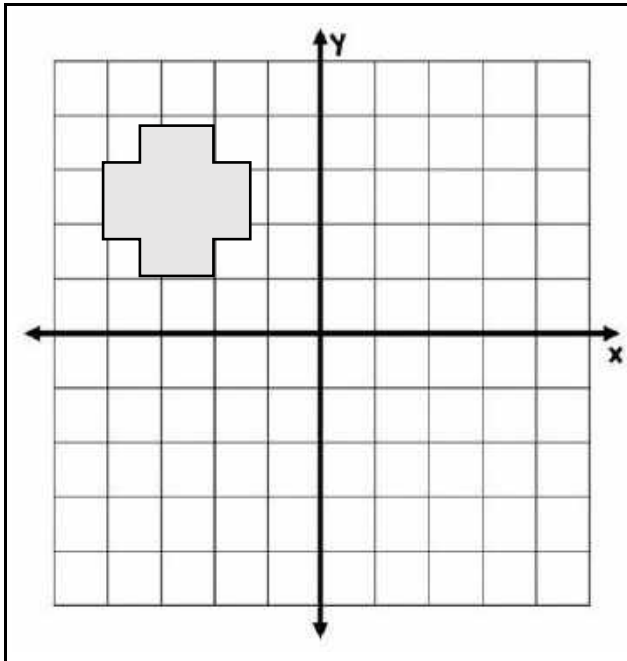
Here's how to play!

1. Ask your friend to hold the paperclip in the centre of the spinner using a pencil. Spin the paperclip so that it stands on the name of the shape. Call out the name and colour it.
2. Now it is your turn.
3. If there is no shape of that type to colour are left, then skip a turn.
4. Continue the game until all the same shapes are coloured. The person who got the most shapes number of shapes wins!

# M: Geometry - Reflections



A reflection is a transformation resulting in flip of a figure. Draw the reflections given below in mirror lines.



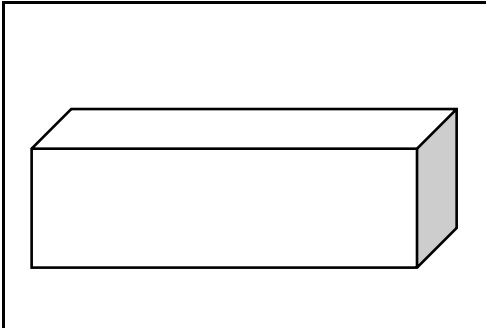
Answer Key: Draw the reflections on their diagonally opposite side.

# M: Geometry - 3D shape



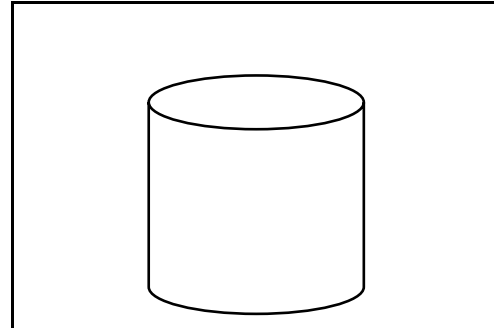
Do you know when we open 3D shapes, they have faces, vertices and edges as well? Here are few common 3D shapes, recall their names and tell us what properties they possess?

a.



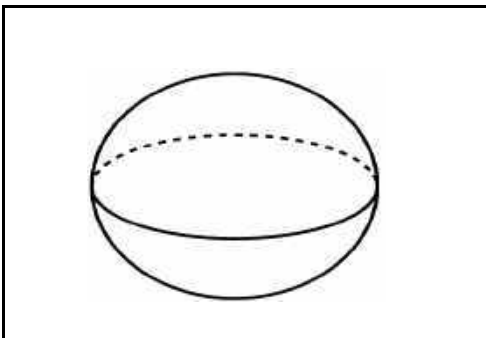
faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

b.



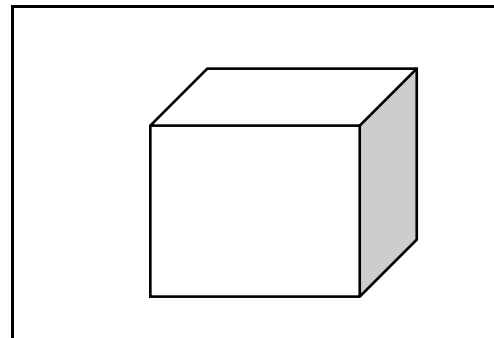
faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

c.



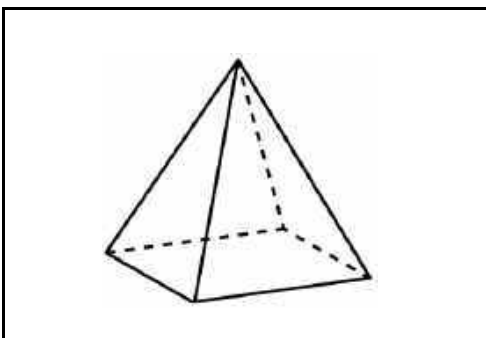
faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

d.



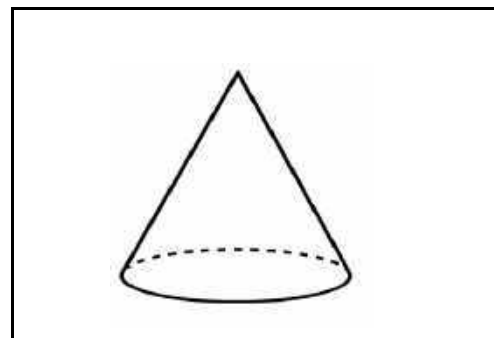
faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

e.



faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

f.



faces \_\_\_\_\_ edges \_\_\_\_\_  
vertices \_\_\_\_\_

Answer Key: a. F-6-E-12 V-8-B-F-3-E-2 V-0-C, F-1-E-0 V-0-D, F-6-E-12 V-8-E, F-5-E-2 V-6-F, F-2-E-1 V-1

**Access 12,000+ expert-designed worksheets**

**Subscribe Now!**

[Explore all Math worksheets](#)