



11-12 YEARS | WEEK 11

Math-Geometry

1. Venn diagram - shapes

2. Mensuration

3. Solve

4. 3D Shapes

5. Perimeter and Area

6. Fun with Area

7. Lines of Symmetry

8. Lines of Symmetry

9. Perimeter

10. Area of Triangle

11. Angles on a Straight Line

12. Match

13. Do as directed

14. Can you do it

15. Geometry - Board game

16. Geometry - Nets and solid shapes

17. Geometry - Transformations

18. Geometry - Transformations

19. Geometry - Reflections

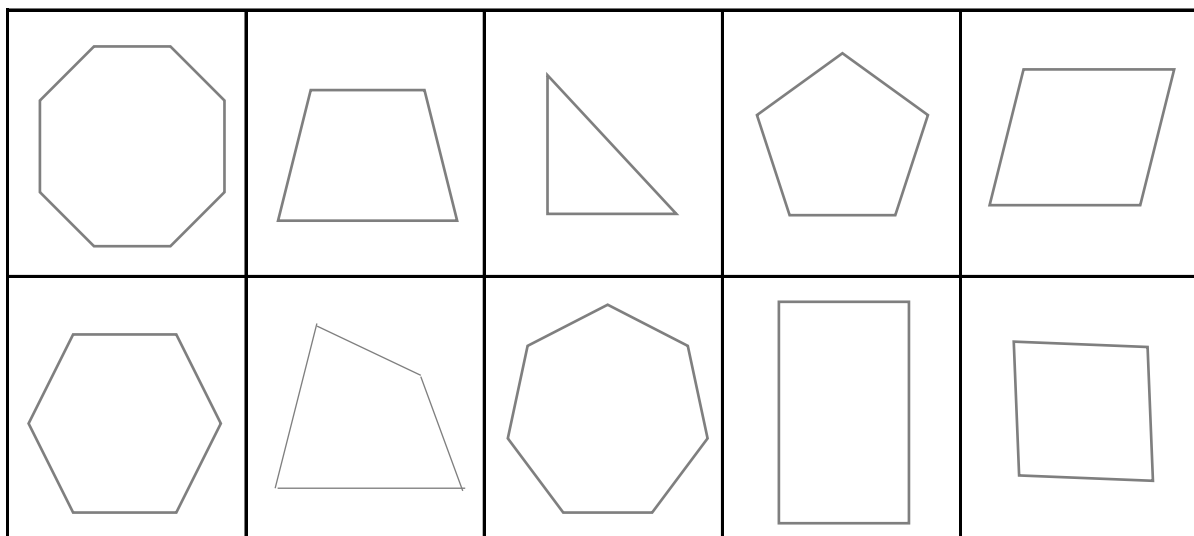
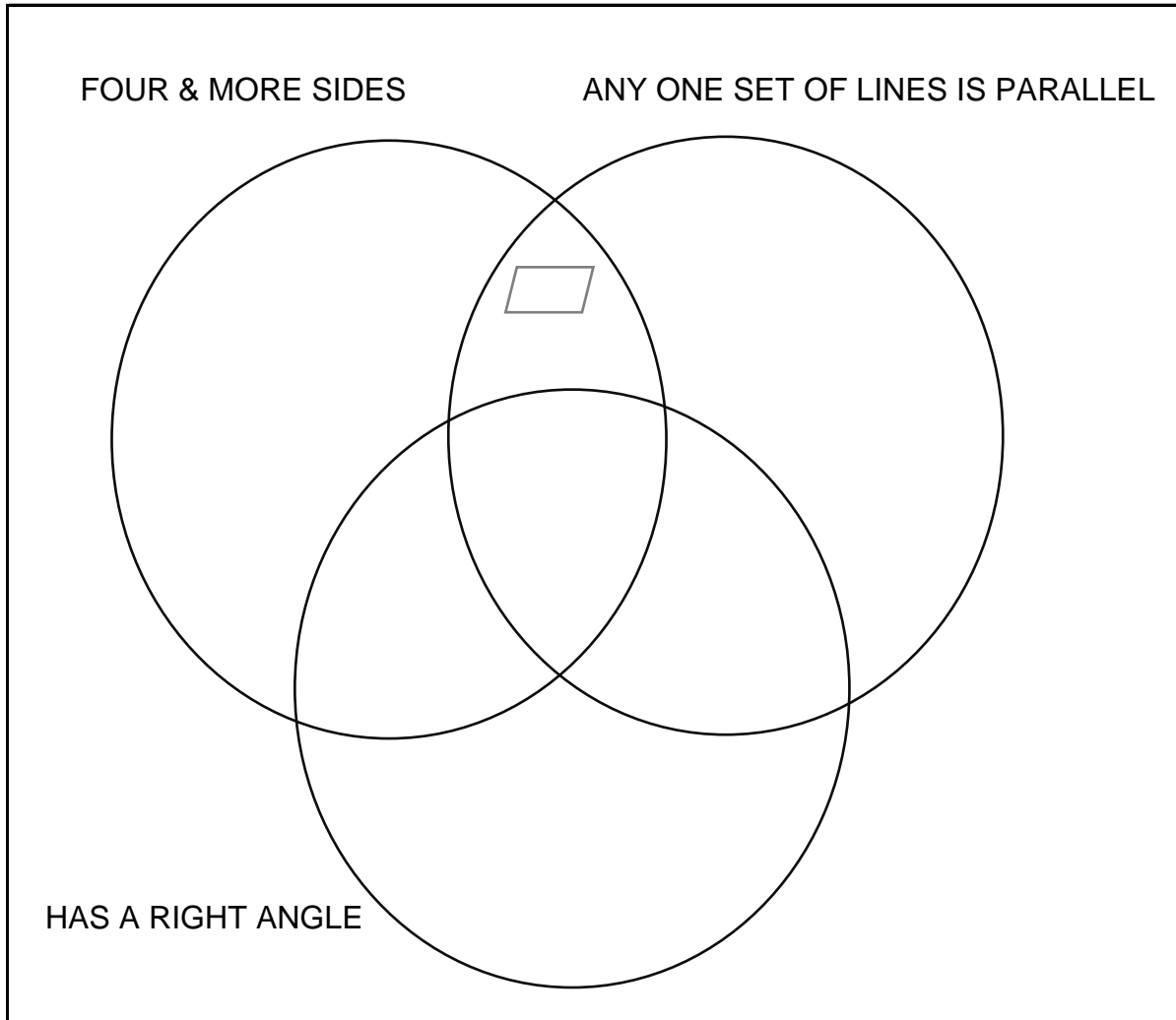
20. Find and write

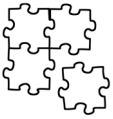


VENN DIAGRAM - SHAPES

Directions:

1. Cut the pictures of the shapes given below in the boxes.
2. Sort them in the circles as per mentioned attributes. Paste the picture in the space accordingly.
3. One example has been shown.





Mensuration



Match the following

- | | | | |
|---|---|---|--|
| 1. Perimeter of a rectangle | ● | ● | a. $3 \times \text{Length of a side}$ |
| 2. Perimeter of a square | ● | ● | b. $\text{Length} \times \text{Breadth}$ |
| 3. Perimeter of an equilateral triangle | ● | ● | c. $8 \times \text{Length of a side}$ |
| 4. Perimeter of a regular pentagon | ● | ● | d. $4 \times \text{Length of a side}$ |
| 5. Area of a square | ● | ● | e. $6 \times \text{Length of a side}$ |
| 6. Perimeter of a regular octagon | ● | ● | f. $2 \times (\text{Length} + \text{Breadth})$ |
| 7. Area of a rectangle | ● | ● | g. $5 \times \text{Length of a side}$ |
| 8. Perimeter of a regular hexagon | ● | ● | h. $\text{side} \times \text{side}$ |



Solve



1. If Divya takes 8 rounds of a square park with each side measuring 5 m, find the distance travelled by her?
 - a. 120 m
 - b. 130 m
 - c. 140 m
 - d. 160 m
2. A runner takes 4 rounds of a rectangular park with the sides measuring 70 m and 40 m. Find the total distance covered by him?
 - a. 880 m
 - b. 2800 m
 - c. 280 m
 - d. 160 m
3. Find the cost of fencing a rectangular park with sides measuring 15 m and 30 m at the rate of ₹5 per metre.
 - a. ₹600
 - b. ₹750
 - c. ₹450
 - d. ₹1000
4. The perimeter of a rectangular pool is 6 m and its breadth is 1 m. Find its length.
 - a. 6
 - b. 2
 - c. 1
 - d. 4
5. The area of a square board is 144. Find its side.
 - a. 14
 - b. 13
 - c. 15
 - d. 12
6. Two sides of a triangle are 7 cm and 2 cm and the perimeter of the triangle is 15 cm. The third side has length in cm:
 - a. 6
 - b. 3
 - c. 7
 - d. 10

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