

KINGDOM OF BAHRAIN
NEW GENERATION PRIVATE SCHOOL
S.Y. 2021 – 2022
Mathematics Exam Practice Sheet

Chapter 4 & 5: 2D Shape, including symmetry and 3D shapes

Name: _____ Class: Grade: 4 Date: _____

Answer All Questions

1. An EQUILATERAL triangle has _____.

- a) 3 equal sides
- b) 4 equal sides
- c) no equal sides
- d) 2 equal sides

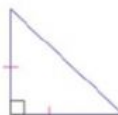
2. A SCALENE triangle has _____

- a) 3 equal sides
- b) 4 equal sides
- c) no equal sides
- d) 2 equal sides

3. An ISOSCELES triangle has _____

- a) 3 equal sides
- b) 4 equal sides
- c) no equal sides
- d) 2 equal sides

4. What kind of triangle is this _____



5. What kind of triangle is this? _____



6. In a triangle, how many total degrees are there?

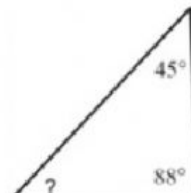
7. If a triangle has no equal sides, what type of triangle is it?

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8. If a triangle has all three angles equivalent and all three sides equivalent, what type of triangle is it?

9. Find the missing angle in the triangle below



Symmetry

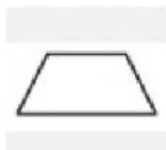
10. An isosceles triangle has 2 lines of symmetry. True or False _____

11. A circle has _____ number of lines of symmetry

- a) 4
- b) 5
- c) 6
- d) infinite / countless

12. How many lines of symmetry does this shape have?

- a) 0
- b) 1
- c) 2
- d) 4



13. How many lines of symmetry does the picture have?

- a) 0 lines of symmetry
- b) 1 lines of symmetry
- c) 2 lines of symmetry
- d) 4 lines of symmetry



14. A square has how many lines of symmetry? _____

15. A pentagon has how many lines of symmetry? _____

16. What do we call the lines that cross?

- a) Parallel
- b) Perpendicular



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c) Intersecting

17. What do we call lines that will never intersect?

- a) Parallel
- b) Perpendicular
- c) Intersecting

Answer Yes or No

18. These lines are parallel because they will never touch _____



19. Are these lines parallel? _____



20. Are these perpendicular lines? _____



3D Shapes

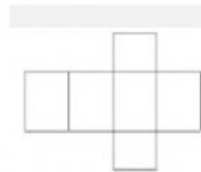
21. What shape am I ?



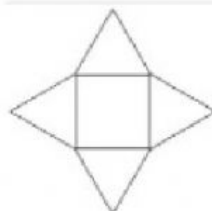
- a) circle
- b) sphere
- c) cone
- d) cube

22. This is the net of what 3-Dimensional Shape?

- a) Triangular Prism
- b) Rectangular Prism
- c) Rectangular Pyramid
- d) Triangular Pyramid



23. What 3D solid does this net create?



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- a) Triangular Pyramid
- b) Triangular Prism
- c) Square Pyramid
- d) Square Prism

24. I am a 3D shape and all my faces are triangles

- a) Square Pyramid
- b) Triangular Pyramid
- c) Triangular Prism
- d) Triangular Sphere

25. What are vertices?

- a) sides
- b) angles
- c) faces
- d) corners