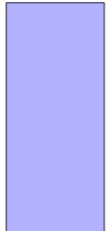


Geometry

- 1 Is this shape a Rectangle (four sides, all at right angles)?



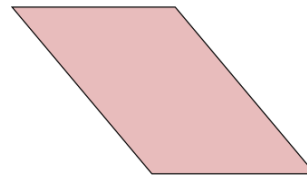
A

Yes

B

No

- 2 Name the type of shape



A

Parallelogram

B

Trapezoid

C

Rectangle

- 3 What shape is this object?



A

Trapezoid

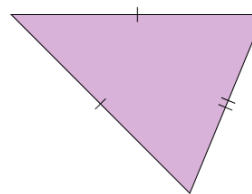
B

Rectangle

C

Kite

- 4 Name the type of triangle based on its sides: Equilateral = 3 identical sides, Isosceles = 2 identical sides, Scalene = all different sides.



A

equilateral

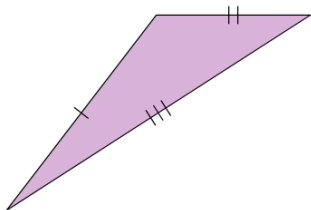
B

scalene

C

isosceles

- 5 Choose the right description of the triangle based on its sides



A All sides are the same length

B Two sides are the same length and one is different

C All sides are a different length

- 6 Name the type of triangle based on its sides and angles



A obtuse equilateral

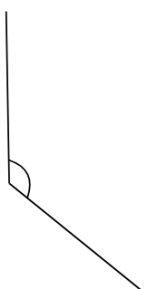
B acute isosceles

C obtuse isosceles

D acute equilateral

E right scalene

- 7 Name the type of angle



A

acute

B

straight

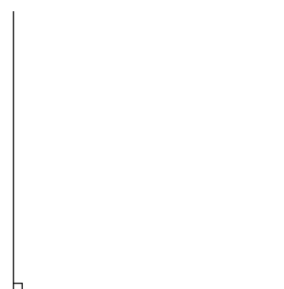
C

obtuse

D

right

- 8 Is the following angle 'Right' (equal to 90°)

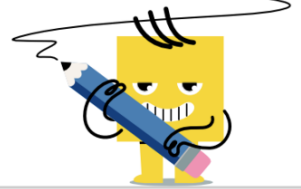


A

Is a Right angle

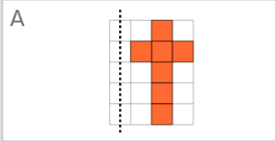
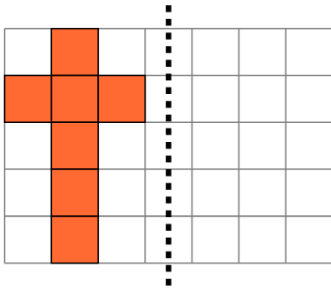
B

Is not a Right angle

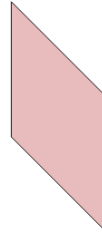


Geometry

9 Which right side image would be symmetric?



10 Is this shape a Rhombus (four sides of the same length)?



A Yes

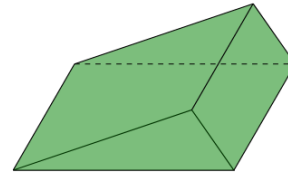
B No

11 What shape is this object?



A Kite B Rhombus C Parallelogram
D Non-Right Triangle E Circle F Right Triangle

12 Name the type of shape



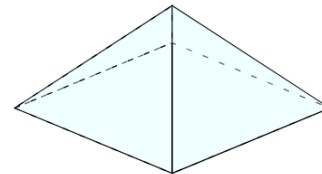
A Cylinder B Sphere C Rectangular Prism
D Triangular Prism E Cube F Cone

13 What shape does this object have?



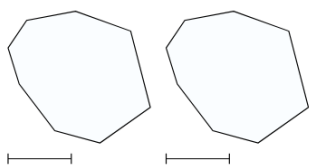
A Triangular Prism B Sphere C Cube
D Cylinder E Cone F Rectangular Prism

14 Name the type of shape



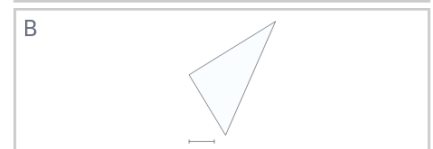
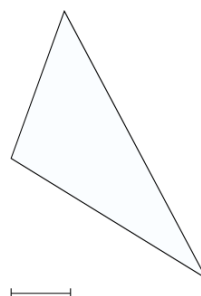
A Cylinder B Sphere C Square Pyramid
D Tetrahedron E Triangular Prism F Cone

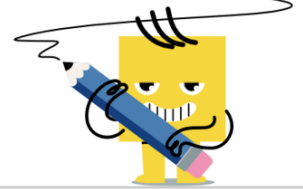
15 What is the most accurate description of these shapes?



A All angles and side lengths are identical
B One or more angles are different

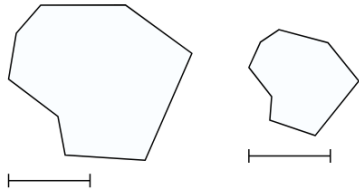
16 Which image is similar to this shape?





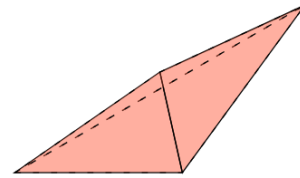
Geometry

17 Are these shapes congruent?



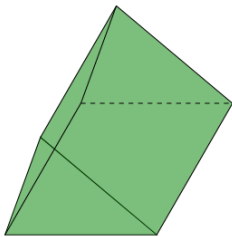
A	Yes
B	No

18 Count how many edges and faces this shape has



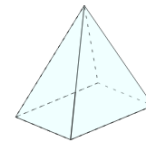
A 4 edges, 5 faces	B 6 edges, 4 faces	C 7 edges, 3 faces
D 6 edges, 3 faces	E 5 edges, 3 faces	F 6 edges, 5 faces

19 How many edges and faces does this shape have?



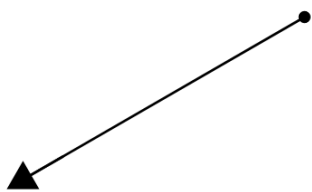
A 8 Edges and 6 Faces
B 9 Edges and 5 Faces

20 Count how many faces and vertices this shape has



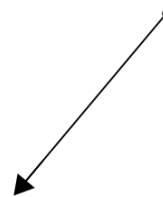
A 5 faces, 6 vertices	B 3 faces, 3 vertices	C 5 faces, 3 vertices
D 3 faces, 5 vertices	E 5 faces, 5 vertices	F 4 faces, 6 vertices

21 Identify whether this is a line, a segment, or a ray



A	line
B	ray
C	segment

22 What is the fancy math name for an object that starts at a point and goes forever in one direction?



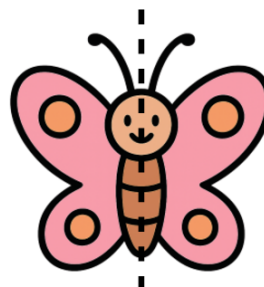
A	Ray
B	Roving

23 Where is a line of symmetry on this picture?

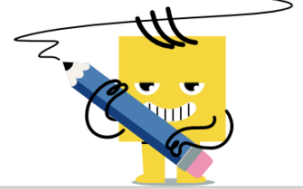


A	
B	

24 Is this a line of symmetry on this picture?

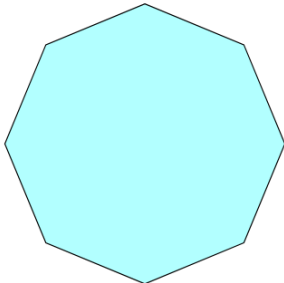


A	No
B	Yes



Geometry

25 Is this a line of symmetry on this Octagon?



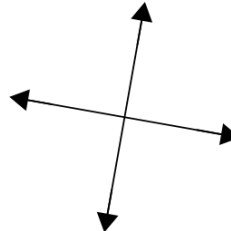
A

No

B

Yes

26 Identify whether these lines are parallel, perpendicular, or intersecting



A

perpendicular

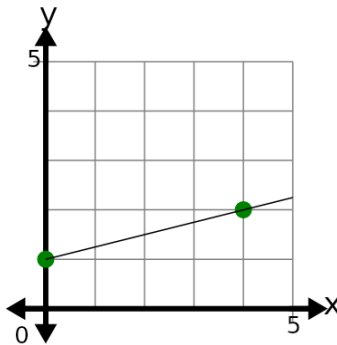
B

intersecting

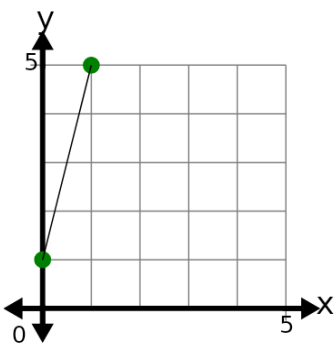
C

parallel

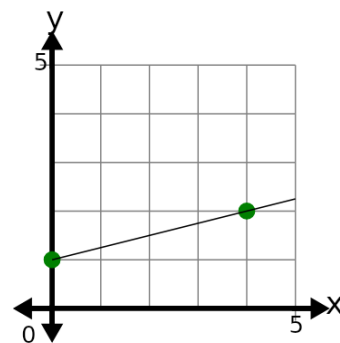
27 What line has a slope that is PARALLEL to the slope of the line on this graph?



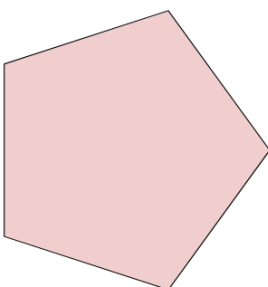
A



B



28 Name the type of shape



A

octagon

B

pentagon

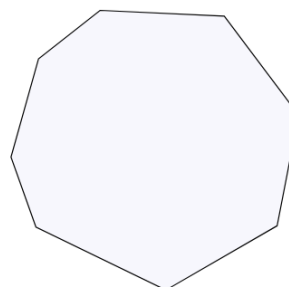
C

quadrilateral

D

hexagon

29 Name the type of shape



A

quadrilateral

B

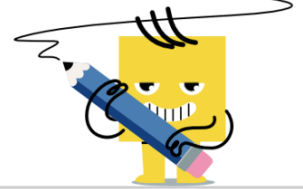
hexagon

C

octagon

D

pentagon



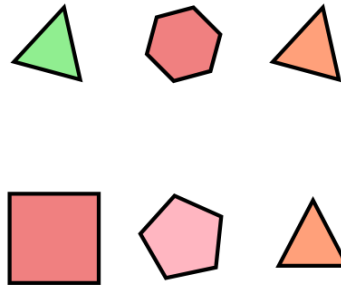
Geometry

30 What shape does this object have?



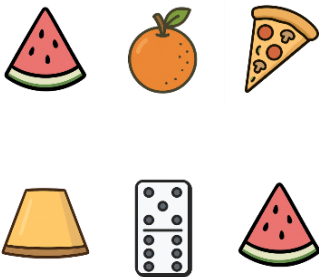
- A pentagon
- B quadrilateral
- C octagon
- D hexagon

31 How many triangles are there?



- A 3
- B 2
- C 4
- D 0

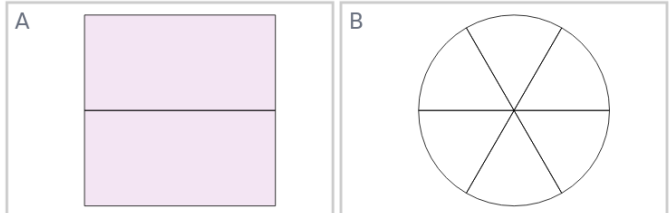
32 How many objects have a triangular shape?



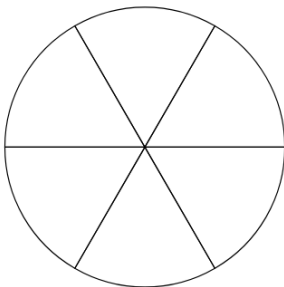
- A 0
- B 4
- C 3
- D 6

33 Which of these shapes is divided into 6 equal parts?

6

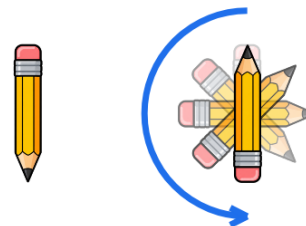


34 Is this circle divided into 6 equal parts?



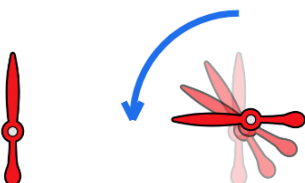
- A Yes
- B No

35 How far has the object turned?



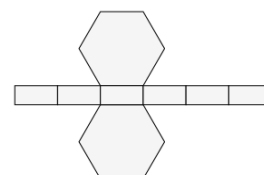
- A Full turn
- B Quarter turn
- C Half turn

36 How far has the object turned?

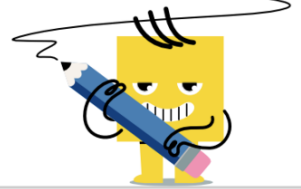


- A Quarter turn
- B Half turn
- C Full turn

37 What shape does this net represent?

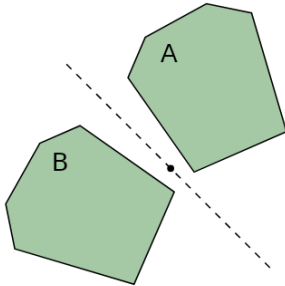


- | | | |
|---------------------|--------------------|--------------------|
| A Cone | B Pentagonal Prism | C Hexagonal Prism |
| D Rectangular Prism | E Cube | F Triangular Prism |



Geometry

38 Is the transformation of shape A into shape B a Translation?



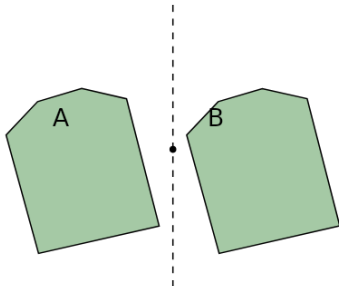
A

Not a Translation

B

Translation

39 Is the transformation of shape A into shape B a Reflection?



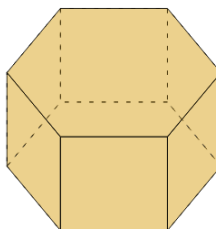
A

Reflection

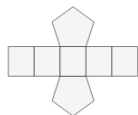
B

Not a Reflection

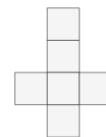
40 What net would make this 3D shape?



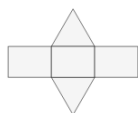
A



B



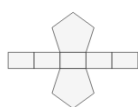
C



D



E



F

