

Year 5 Space & Geometry Worksheet



1. Alice made a 3-dimensional figure out of wood. The figure had 5 vertices and 8 edges. Which figure could Alice have made?
 - A. rectangular pyramid
 - B. triangular prism
 - C. cylinder
 - D. cube
2. Bryon used a crayon to draw a shape on a piece of paper. The shape had 4 sides. Which shape could Bryon have drawn?
 - A. scalene triangle
 - B. heptagon
 - C. quadrilateral
 - D. nonagon
3. Alefiya drew a shape on the chalkboard. The shape had 6 angles. Which shape could Alefiya have drawn?
 - A. square
 - B. hexagon
 - C. nonagon
 - D. circle
4. Lara's brother drew a shape that had 8 sides and 8 angles. Which shape could he have drawn?
 - A. trapezoid
 - B. scalene triangle
 - C. octagon
 - D. equilateral triangle
5. Picaso made a 3-dimensional figure out of cardboard. The figure had 8 vertices and 6 faces. Which figure could Picaso have made?
 - A. triangular prism
 - B. rectangular prism
 - C. sphere
 - D. rectangular pyramid
6. Aisha drew a shape that had 6 sides and 6 angles. Which shape could Aisha have drawn?
 - A. hexagon
 - B. circle
 - C. pentagon
 - D. quadrilateral

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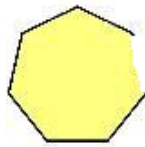


7. Andrew drew a shape that had 4 sides. Which shape could Andrew have drawn?
- A. hexagon
 - B. rectangle
 - C. decagon
 - D. pentagon
8. Kimmy made a 3-dimensional figure out of clay. The figure had 8 vertices and 12 edges. Which figure could Kimmy have made?
- A. triangular pyramid
 - B. cone
 - C. triangular prism
 - D. rectangular prism

9. Is this shape open or closed?

A. open

B. closed



10. Is this shape open or closed?

A. open

B. closed



11. Is this shape open or closed?

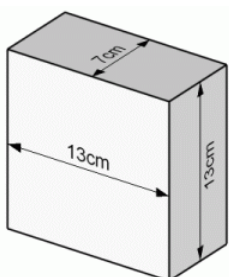
A. open

B. closed

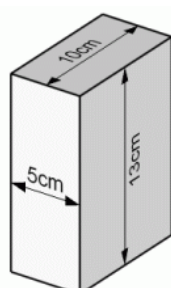


12. Find the volume and surface area of the rectangular prisms.

A.



B.



C.

