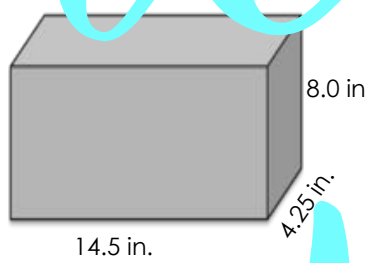


Preview

1. A. 493 in^3 B. 1.625 in^3 C. 26.75 in^3 D. in^3

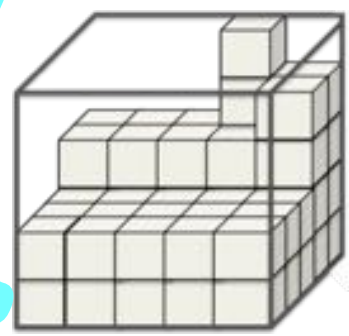
Find the volume of the shape.



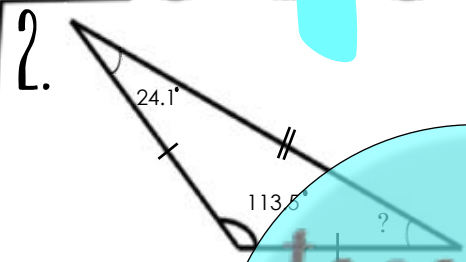
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4. How many more unit blocks are needed to fill the cube?

- A. 125 B. 61 C. 50 D. 68



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Find the value of the missing angle.

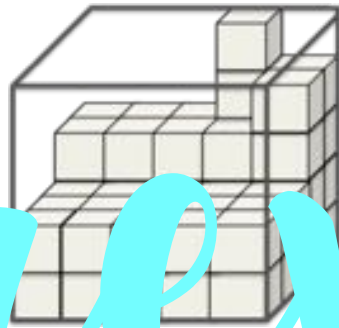
- A. 180.0° B. 142.2°
C. 42.4° D. 137.6°



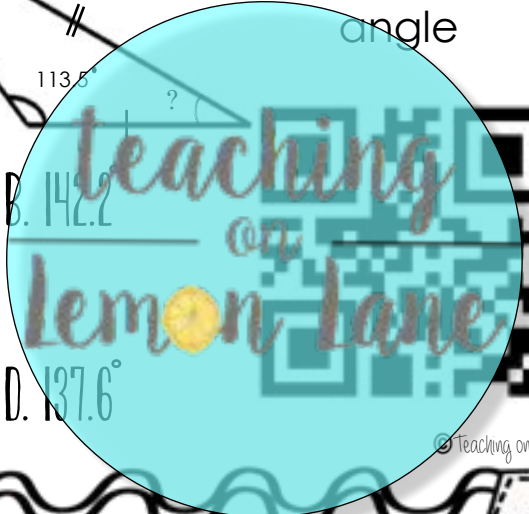
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3. If the entire cube was filled with unit blocks, what would its volume be?

- A. 275 u^3 B. 150 u^3 C. 25 u^3 D. 125 u^3



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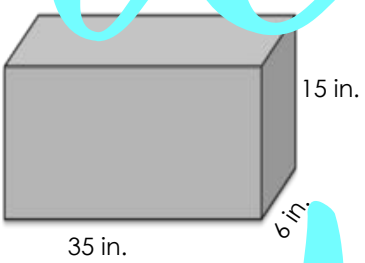


Preview

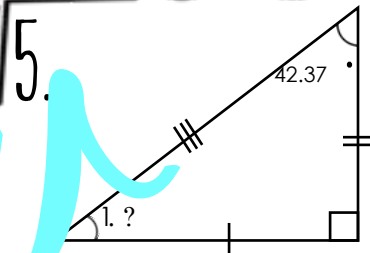
Preview

5. A. 262.5 ft^3 B. 3150 ft^3 C. 56 ft^3 D. 51 ft^3

Find the volume of the shape in ft^3 .



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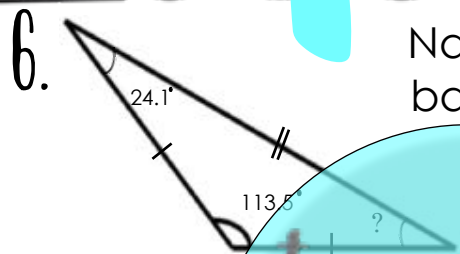
Name the Triangle based on it's sides

- A. Right B. Scalene
C. Equilateral D. Obtuse



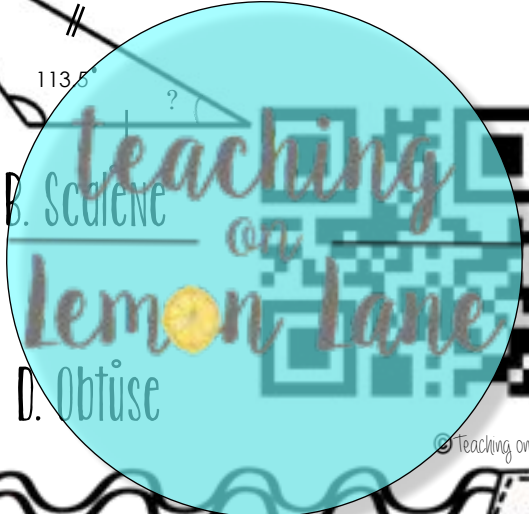
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Preview



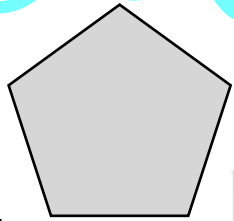
Name the triangle based on it's sides

- A. Right B. Scalene
C. Equilateral D. Obtuse



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6. Which name best describes the polygon?



- A. Regular Polygon
B. Irregular Pentagon
C. Pentagon
D. Regular pentagon



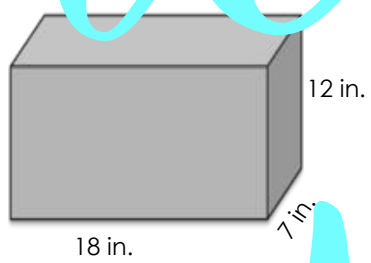
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Preview

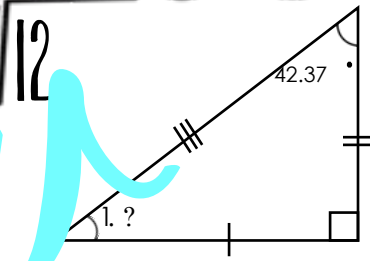
Preview

9. A. 1512 in^3 B. 216 in^3 C. 1512 ft^3 D. 37 in^3

10. Find the volume of the shape.



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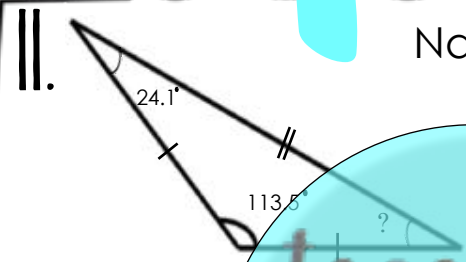
11. Name the Triangle based on its angles.

- A. Scalene B. Right
C. Equilateral D. Obtuse



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12. Name the triangle based on its angles.

- A. Right B. Scalene
C. Obtuse D. Acute



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13. Which name best describes the polygon?



- A. Regular Polygon
B. Parallelogram
C. Quadrilateral
D. Rectangle



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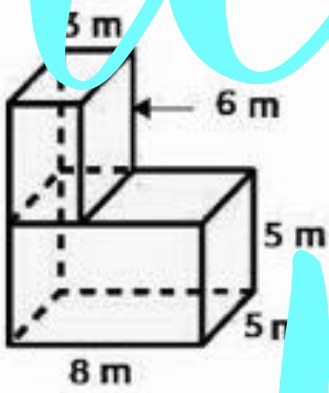


Preview

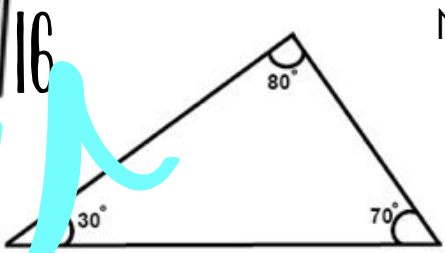
Preview

13. A. 290 m^3 B. 20 m^3 C. 3600 m^3 D. 200 m^3

Find the volume of the composite shape.



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Name the Triangle based on it's angles

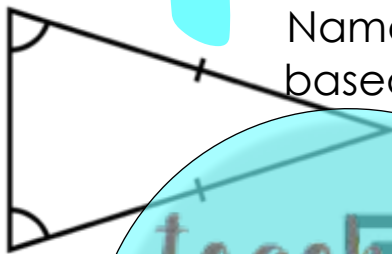
- A. Scalene B. Acute
C. Right D. Obtuse



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14.



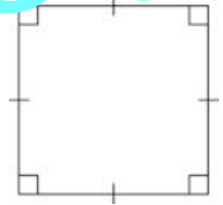
Name the triangle based on it's sides.

- A. Scalene B. Equilateral
C. Isosceles D. Acute



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15. Which name best describes the polygon?



- A. Rectangle
B. Parallelogram
C. Quadrilateral
D. Square



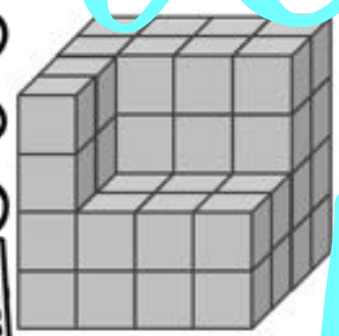
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Preview

Preview

11. A. 400cm^3 B. 40cm^3 C. 128cm^3 D. 27cm^3

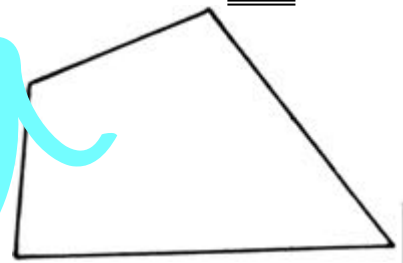
Find the volume of the composite shape



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18. Which name **best** describes the polygon?

18

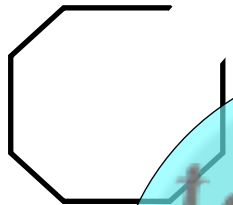


- A. Polygon
- B. Quadrilateral
- C. Trapezoid
- D. Rhombus

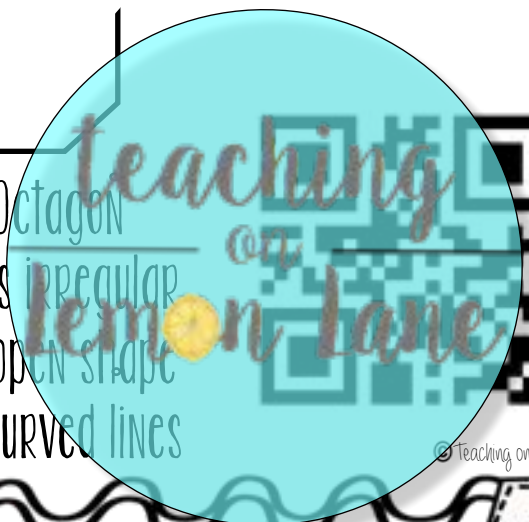


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20. Is the following shape a polygon?



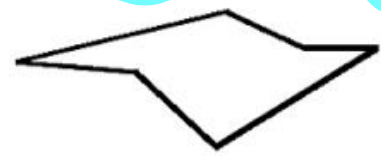
- A. Yes it's a Octagon
- B. Yes, but it's irregular
- C. No It's an open shape
- D. No It has curved lines



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19. Which name **best** describes the polygon?

19



- A. Irregular Concave
- B. Hexagon
- C. Irregular heptagon
- D. Irregular hexagon



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Preview

Preview

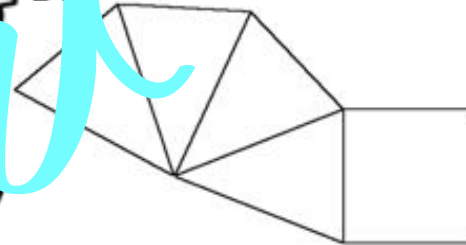
10. How many faces, edges and vertices?

- A. $F = 5$ $E = 9$ $V = 6$
- B. $F = 6$ $E = 8$ $V = 12$
- C. $F = 3$ $E = 5$ $V = 4$
- D. $F = 9$ $E = 6$ $V = 5$



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11. How many faces, edges and vertices does the net of the 3-D Pyramid have?

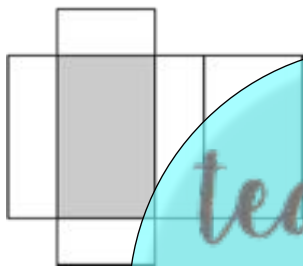


- A. $F = 6$ $E = 12$ $V = 5$
- B. $F = 5$ $E = 8$ $V = 5$
- C. $F = 5$ $E = 10$ $V = 5$
- D. $F = 5$ $E = 12$ $V = 5$



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12. How many faces, edges and vertices does the net of the 3-D prism have?

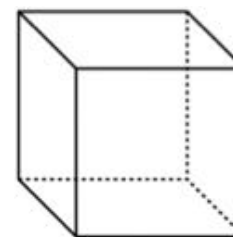


- A. $F = 8$ $E = 6$ $V = 12$
- B. $F = 12$ $E = 8$ $V = 6$
- C. $F = 6$ $E = 12$ $V = 8$
- D. $F = 8$ $E = 12$ $V = 8$



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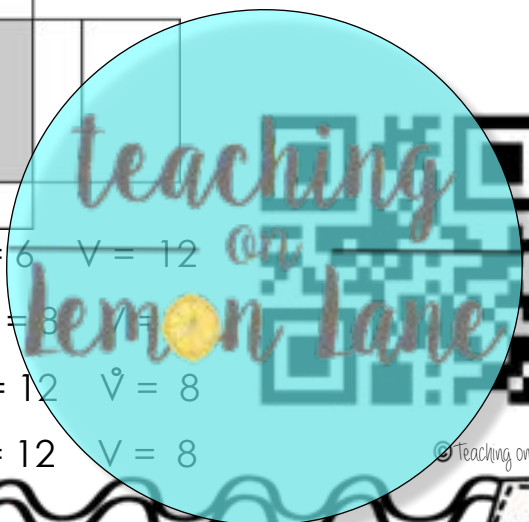
13. How many faces, edges and vertices does the cube have?



- A. $F = 6$ $E = 12$ $V = 6$
- B. $F = 6$ $E = 5$ $V = 7$
- C. $F = 6$ $E = 10$ $V = 5$
- D. $F = 6$ $E = 12$ $V = 3$



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Preview

Preview

26. Which of the following statements is true.

- A. Every Square is a Rectangle.
- B. Every Rhombus is a square.
- C. Every Rectangle is a square.
- D. Every Quadrilateral is a Parallelogram



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28. Which of the following statements is true.

- A. A triangle can have two obtuse angles.
- B. A Triangle is a polygon
- C. Some Polygons have curved lines
- D. A polygon with 7 sides is a hexagon



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27. Which of the following statements is true.

- A. Every trapezoid is a parallelogram
- B. An isosceles triangle has 3 equal sides
- C. A triangle can be both isosceles & obtuse
- D. All parallelograms are rectangles



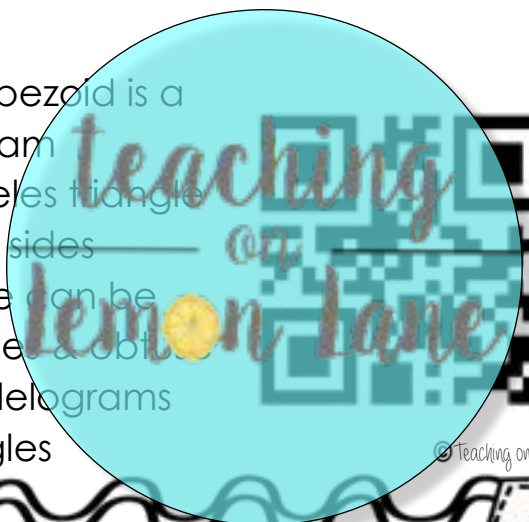
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29. Which of the following statements is true.

- A. A triangle can have two right angles.
- B. Every rhombus is a square.
- C. An acute triangle has only one acute angle
- D. Every square is a rhombus



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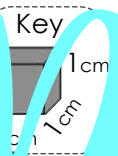
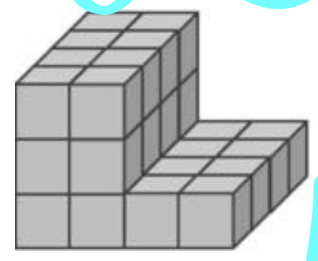


Preview

Preview

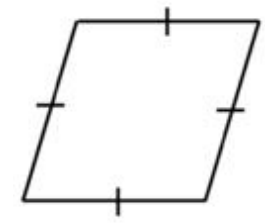
31. A. 32 B. 24 C. 11 D. 36

Find the volume of the composite shape in centimetres cubed.



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30. Which name **best** describes the polygon?

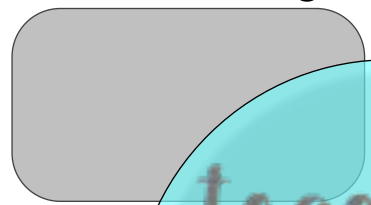


- A. Quadrilateral
- B. Rhombus
- C. Square
- D. Polygon

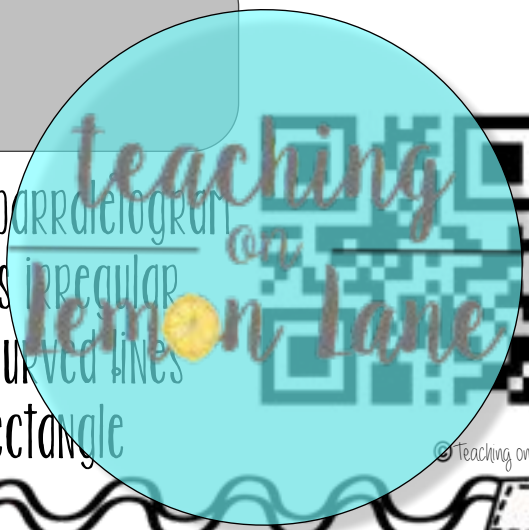


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32. Is the following shape a polygon?

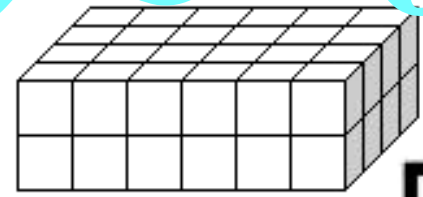


- A. Yes it's a parallelogram
- B. Yes, but it's irregular
- C. No it has curved lines
- D. No it's a rectangle



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31. Which name **best** describes the shape?



- A. Polygon
- B. Cube
- C. Quadrilateral
- D. Rectangular Prism



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Preview