

Geometry Review

Name: _____

Period: _____

1. Shape of the base: _____

2. Perimeter of the base

Formula: _____

Work: _____

Answer: _____

3. Area of the base

Formula: _____

Work: _____

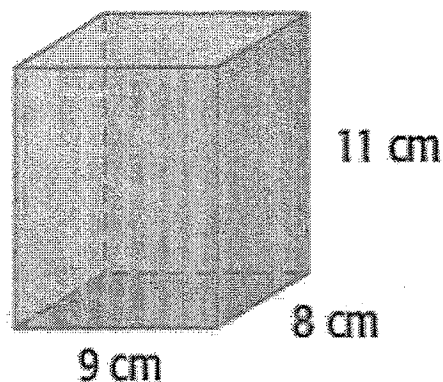
Answer: _____

4. Surface Area of the prism

Formula: _____

Work: _____

Answer: _____



5. Volume of the prism

Formula: _____

Work: _____

Answer: _____

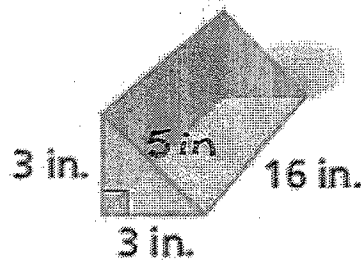
6. Shape of the base: _____

7. Perimeter of the base

Formula: _____

Work: _____

Answer: _____



8. Area of the base

Formula: _____

Work: _____

Answer: _____

9. Volume of prism

Formula: _____

Work: _____

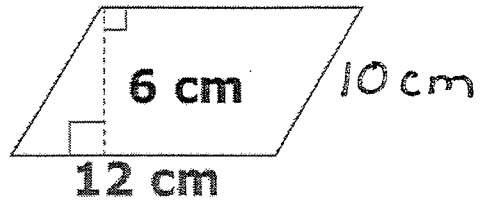
Answer: _____

10. Perimeter of parallelogram

Formula: _____

Work: _____

Answer: _____



11. Area of the parallelogram

Formula: _____

Work: _____

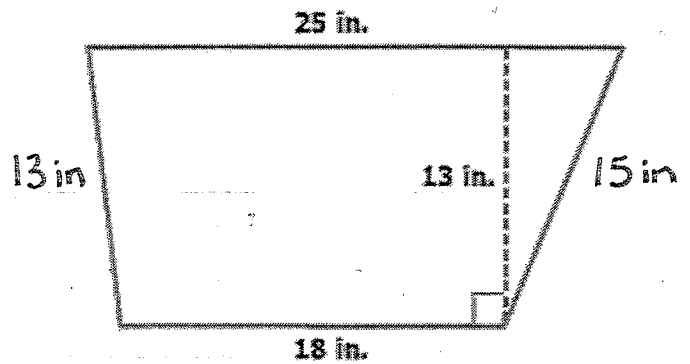
Answer: _____

12. Perimeter of trapezoid

Formula: _____

Work: _____

Answer: _____



13. Area of trapezoid

Formula: _____

Work: _____

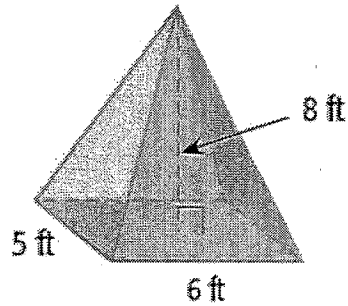
Answer: _____

14. Volume of the pyramid

Formula: _____

Work: _____

Answer: _____

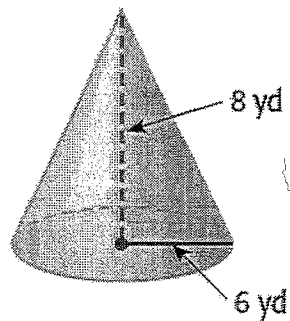


15. Volume of the cone

Formula: _____

Work: _____

Answer: _____



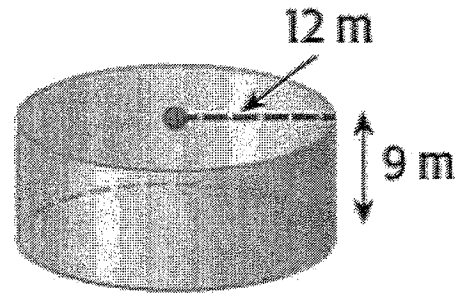
16. Shape of the base _____

17. Circumference of the base

Formula: _____

Work: _____

Answer: _____



18. Area of the base

Formula: _____

Work: _____

Answer: _____

19. Surface Area of the cylinder

Formula: _____

Work: _____

Answer: _____

20. Volume of the cylinder

Formula: _____

Work: _____

Answer: _____

21. Find the height of the parallelogram.

$$A = 165 \text{ cm}^2$$

$$b = 15 \text{ cm}$$

$$h = \underline{\hspace{2cm}}$$

22. Find the height of the cylinder.

$$V = 5024 \text{ in}^3$$

$$d = 16 \text{ in}$$

$$h = \underline{\hspace{2cm}}$$

23. Find the diameter and the radius of the circle with the given circumference.

$$C = 119.32 \text{ m}$$

$$d = \underline{\hspace{2cm}}$$

$$r = \underline{\hspace{2cm}}$$

24. A computer screen has a width of 14 inches and a length of 16 inches. Find the area and perimeter of the screen.

Area = _____

Perimeter = _____

LESSON
10-1

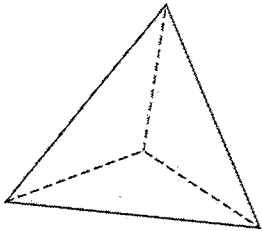
Practice A

Introduction to Three-Dimensional Figures

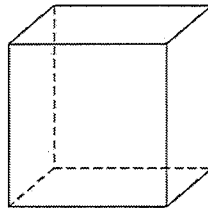
Identify the base of each prism or pyramid. Then choose the name of the prism or pyramid from the box.

- | | | | |
|-------------------|--------------------|------------------|---------------------|
| rectangular prism | square pyramid | triangular prism | pentagonal prism |
| square prism | triangular pyramid | hexagonal prism | rectangular pyramid |
| hexagonal pyramid | pentagonal pyramid | | octagonal prism |

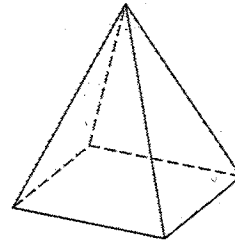
1.



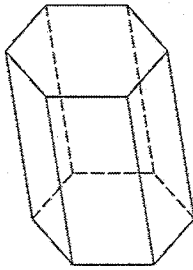
2.



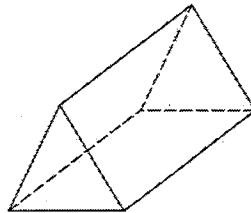
3.



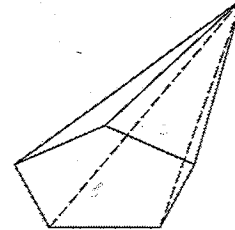
4.



5.

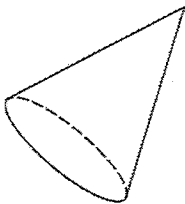


6.

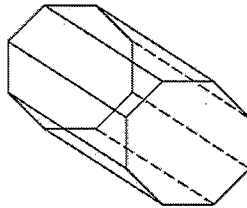


Classify each figure as a polyhedron or not a polyhedron. Then name the figure.

7.



8.



9.

