

9 Advance Mathematics

Lesson – 11.5 (Example -3)

Name in English

Select the correct option in each step to find the final answer.

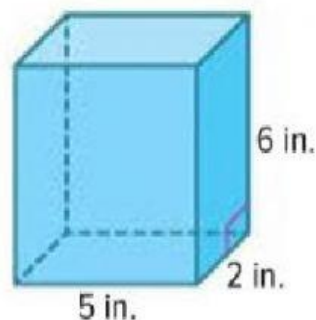
Find the surface area and volume of the given solid. Round each measure to the nearest tenth, if necessary.

1. Identify the base

- a) Triangle
- b) Square
- c) Rectangle
- d) Circle

2. Identify the formula to calculate the area of base.

- a) πr^2
- b) lw
- c) s^2
- d) $\frac{1}{2}bh$



3. Calculate the area of the base

4. Identify the formula to calculate the perimeter of base.

- a) $2\pi r$
- b) $2l + 2w$
- c) $4s$
- d) $a + b + c$

5. Calculate the perimeter of the base

6. Calculate the volume.

7. Calculate the surface area.

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