

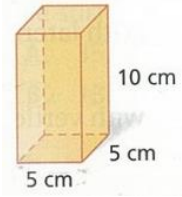
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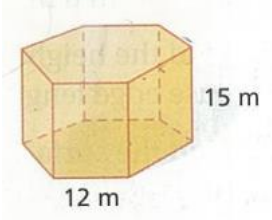
Period:

HW #11-7

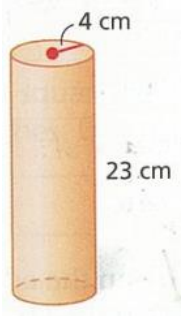
1. Find the lateral area and the surface area of the right rectangular prism. Exact answers.



2. Find the lateral area and the surface area of the right hexagonal prism. Round to two decimal places for each.

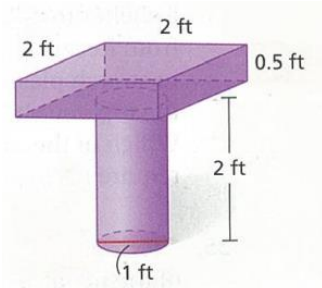


3. Find the lateral area and the surface area of the right cylinder. Exact answers.

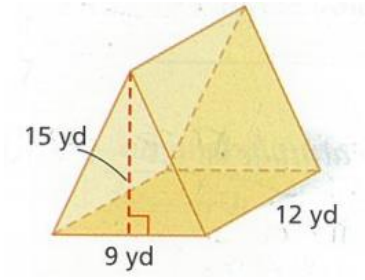


4. Find the lateral area and the surface area of a right cylinder with base circumference of 16π yd and a height equal to 3 times the radius. Exact answers.

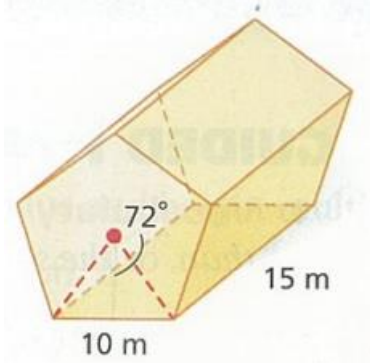
5. Find the surface area of the composite figure. Round to two decimal places.



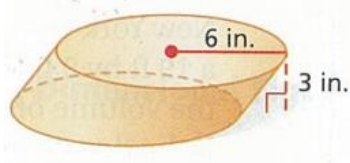
6. Find the volume of the triangular prism. Exact answer.



7. Find the volume of the pentagonal prism. Round to two decimal places.



8. Find the volume of the cylinder. Exact answer.



9. Find the volume of a cylinder with base area $24\pi \text{ cm}^2$ and height 16 cm. Exact answer.

10. Find the volume of the composite figure. Round to two decimal places.

