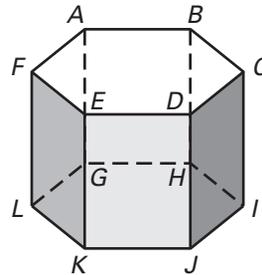


Practice B

For use with pages 728–734

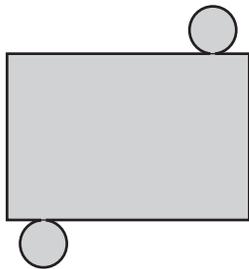
Use the diagram at the right.

1. Give the mathematical name of the solid.
2. What kind of figure is each base?
3. What kind of figure is each lateral face?
4. How many lateral faces does the solid have?
5. Name three lateral edges.

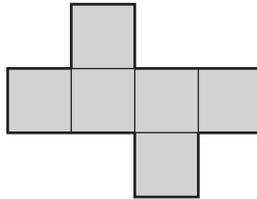


Name the solid that can be folded from the net.

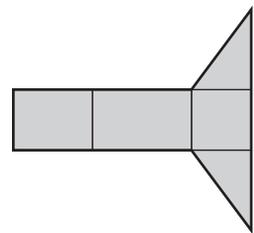
6.



7.

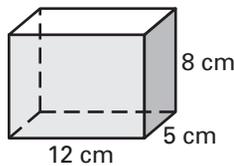


8.

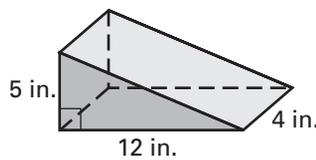


Find the surface area of the right prism. Round your result to two decimal places.

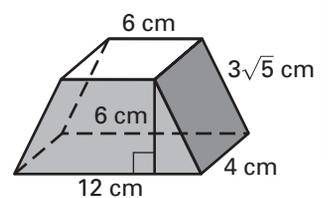
9.



10.

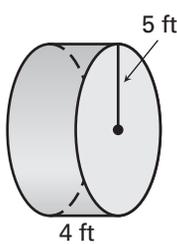


11.

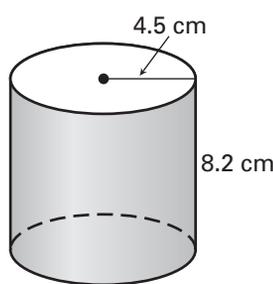


Find the surface area of the right cylinder. Round your result to two decimal places.

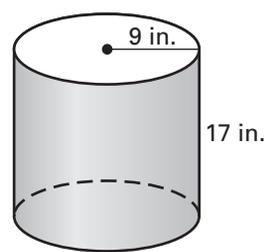
12.



13.

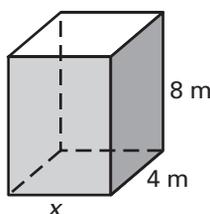


14.

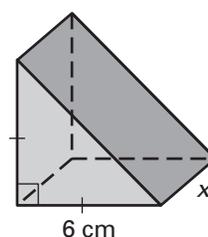


Solve for the variable given the surface area S of the right prism or right cylinder. Round the result to one decimal place.

15. $S = 208 \text{ m}^2$



16. $S = 97.5 \text{ cm}^2$



17. $S = 452.4 \text{ in.}^2$

