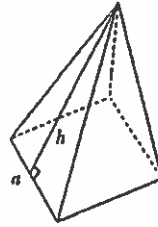


1. Determine the surface area of the square pyramid with the following dimensions.



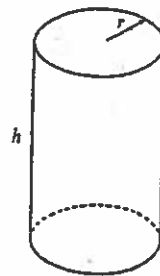
a) $a = 2$ m, $h = 4$ m

b) $a = 3$ m, $h = 5$ m

c) $a = 4$ m, $h = 6$ m

d) $a = 5$ m, $h = 12$ m

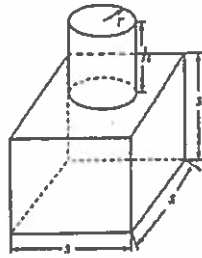
2. Determine the surface area of the cylinder with the following dimensions.



a) $r = 3$ m, $h = 8$ m

b) $r = 5$ m, $h = 12$ m

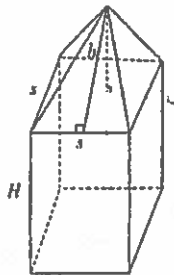
3. Determine the surface area of the composite object with the following lengths.



a) $r = 1$ m, $h = 2$ m, $s = 3$ m

b) $r = 1.2$ m, $h = 2$ m, $s = 2.5$ m

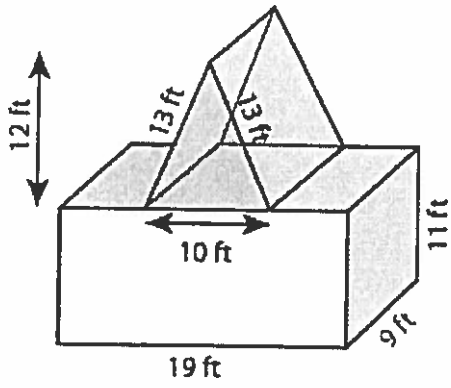
4. Determine the surface area of the composite object with the following lengths.



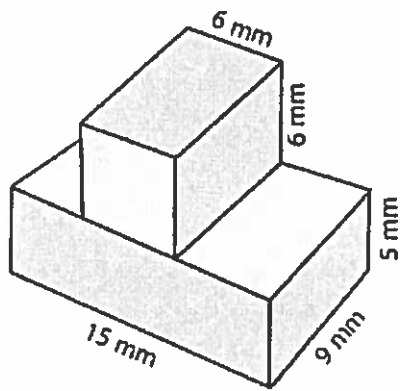
a) $h = 4$ m, $s = 2$ m, $H = 4$ m

b) $h = 4$ m, $s = 3$ m, $H = 5$ m

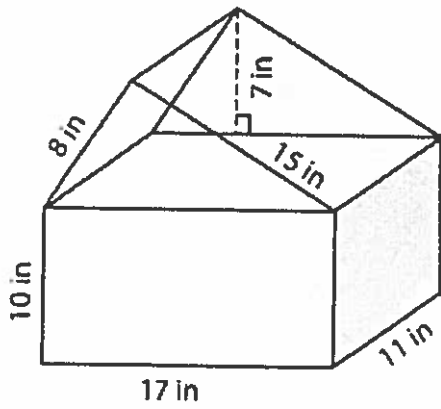
5.



6.

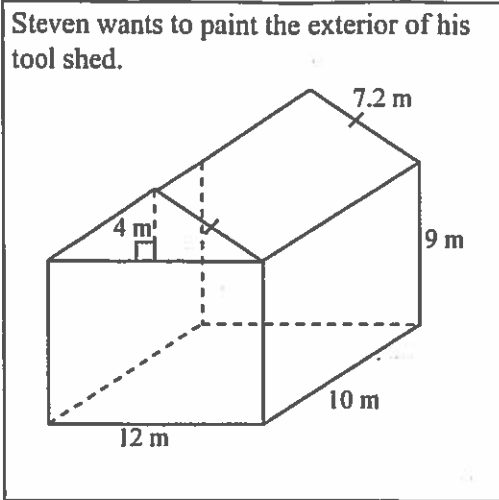


7.



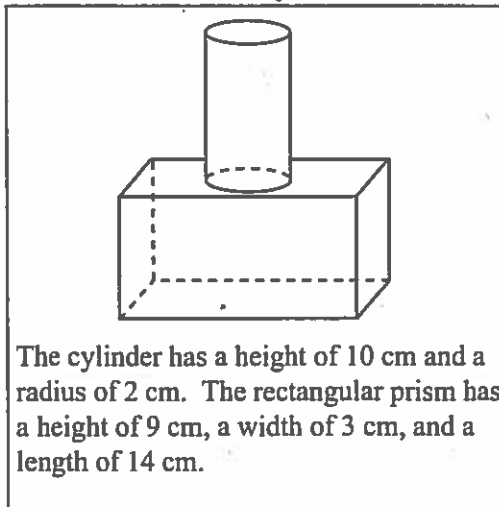


Use the following information to answer the next question.



8. What is the surface area of the exterior of the shed that will need to be painted, in m^2 ?
- A. $208 m^2$ B. $308 m^2$
 C. $588 m^2$ D. $708 m^2$

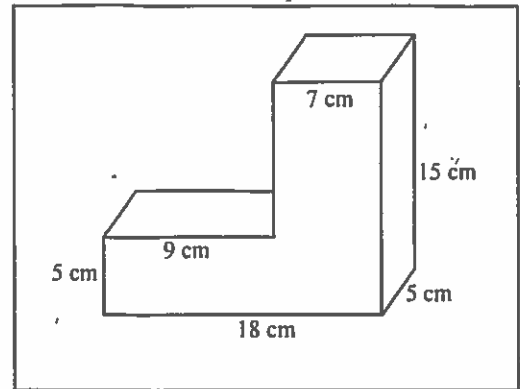
Use the following information to answer the next question.



The cylinder has a height of 10 cm and a radius of 2 cm. The rectangular prism has a height of 9 cm, a width of 3 cm, and a length of 14 cm.

9. Using $\pi = 3.14$, what is the surface area of this object to the nearest whole number?
- A. $240 cm^2$ B. $311 cm^2$
 C. $516 cm^2$ D. $541 cm^2$

Use the following information to answer the next question.



10. What is the surface area of the given composite figure?
- A. $200 cm^2$ B. $205 cm^2$
 C. $405 cm^2$ D. $610 cm^2$