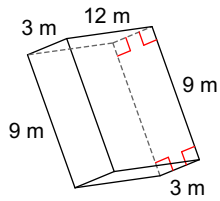


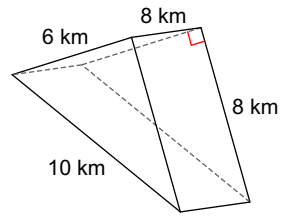
Homework 4.2: Prisms and Cylinders.

Find the surface area of each figure.

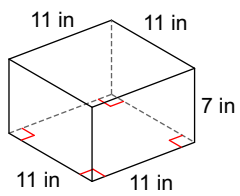
1)



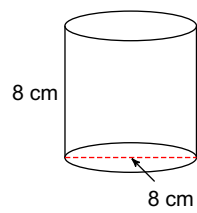
2)



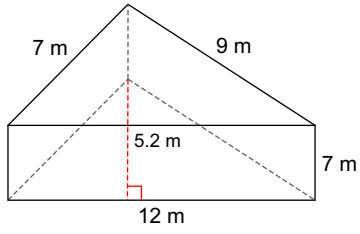
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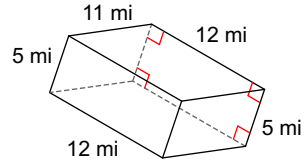
4)



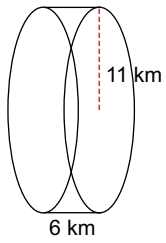
5)



6)



7)



8) a) A triangular prism has a volume of 2184cm^3 with a height of 13cm and a base of 12cm . Determine the length of the prism.

b) A cylinder with a 12ft radius has a surface area of 1432.57ft^2 . Determine the height of the cylinder.