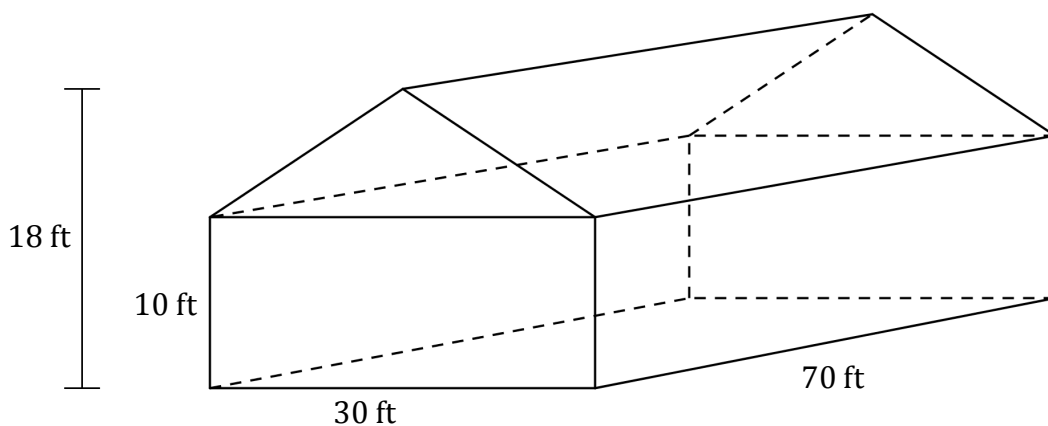


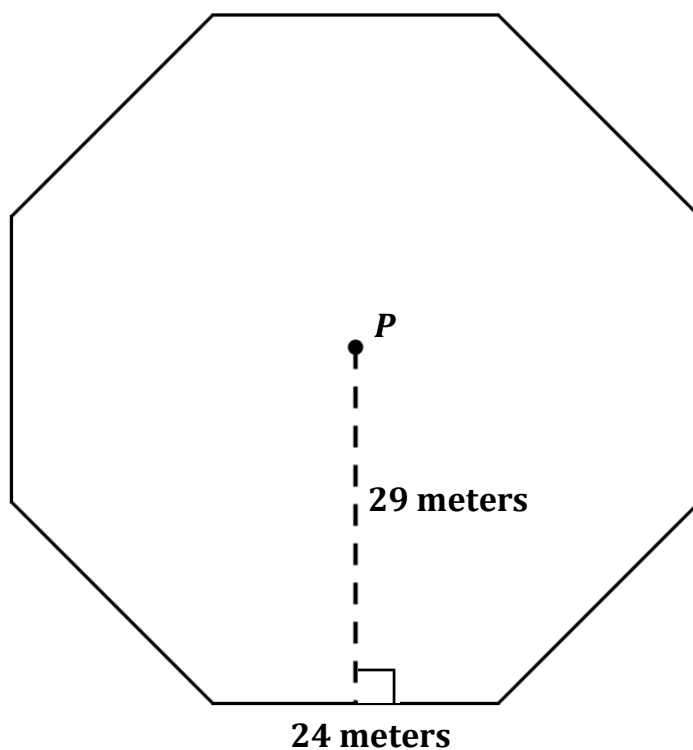
Name _____ Date _____

Andrea needs a new air conditioning system for her house. An air conditioner needs to be big enough to cool a house, but it will wear out quickly if it is too big. Calculate the volume of the house pictured below to help Andrea choose the right air conditioner.



Name _____ Date _____

Find the area of the regular octagon with a center of P . Show all work and explain how you found your answer.



Name _____ Date _____

Find the surface area of the right triangular prism. Show all work and explain how you found your answer.

