Application Exercise 1

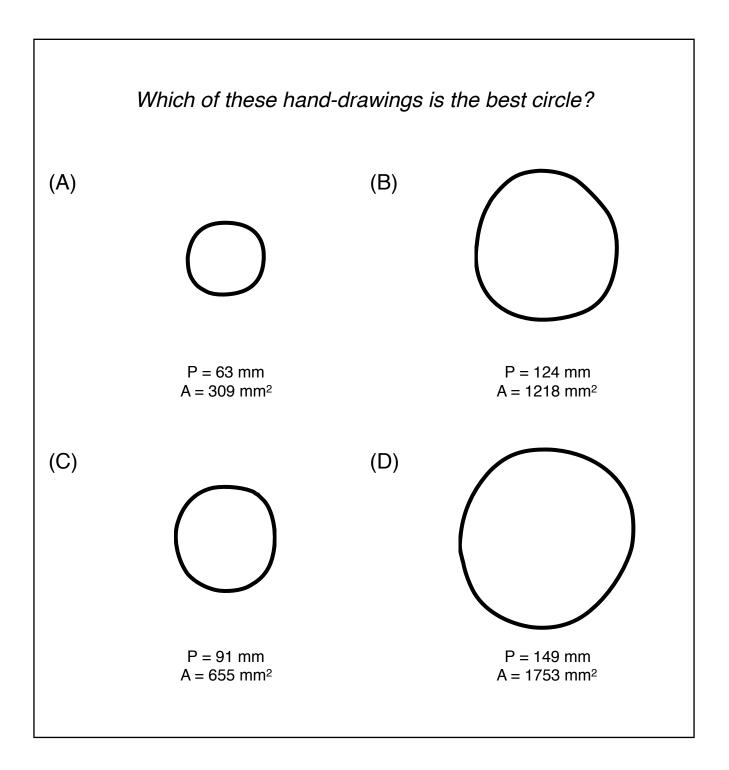


A grass quadrangle measures 20×40 m.

Sprinklers with a maximum watering radius of 5m are to be installed (half and quarter sprinklers are available).

How many sprinklers should be installed to water the quadrangle?			
(A) 8	(B) 13	(C) 15	(D) 20

Application Exercise 2



Minimum evidence: Show how qualities and measurable properties of a circle may be used to rank the drawings. Some measurements are provided.