

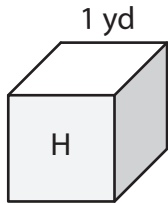
Name : _____

Scale Factors - Surface Areas

L2S1

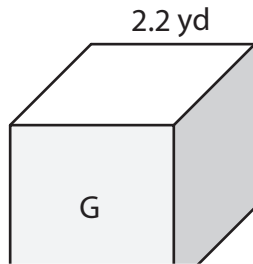
Each pair of figures is similar. Find the missing surface area. (SA denotes Surface Area)

1)



SA = ?

Surface area of figure



PREVIEW

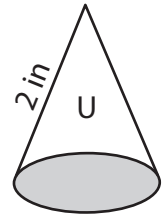
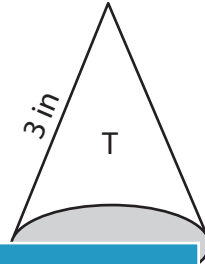
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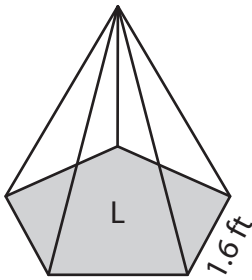
2)



SA = 16 in²

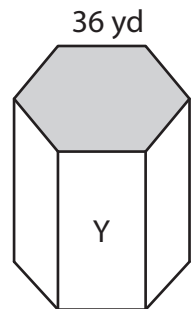
Surface area of figure T = _____

3)



SA = 128 ft²

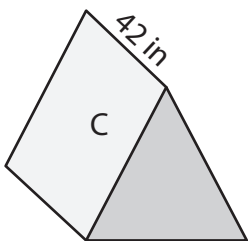
Surface area of figure



SA = ?

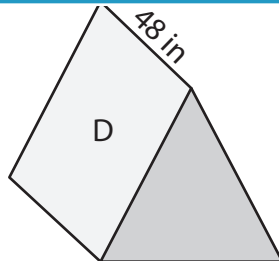
Surface area of figure Y = _____

5)

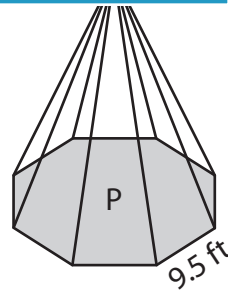


SA = 3,136 in²

Surface area of figure D = _____

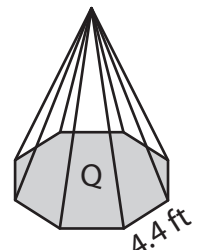


SA = ?



SA = 722 ft²

Surface area of figure Q = _____



SA = ?

Name : _____

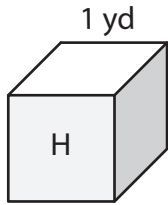
Answer key

Scale Factors - Surface Areas

L2S1

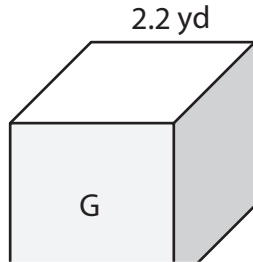
Each pair of figures is similar. Find the missing surface area. (SA denotes Surface Area)

1)

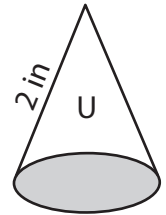
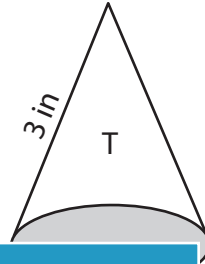


SA = ?

Surface area of figure



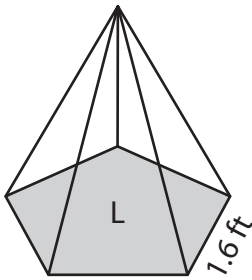
2)



SA = 16 in^2

Surface area of figure T = 36 in^2

3)



SA = 128 ft^2

Surface area of figure

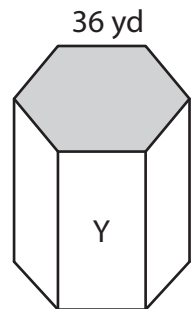
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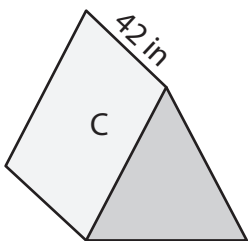
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SA = ?

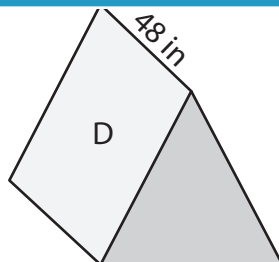
Surface area of figure Y = 47.52 yd^2

5)

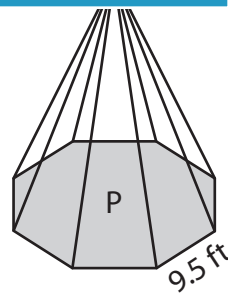


SA = $3,136 \text{ in}^2$

Surface area of figure D = $4,096 \text{ in}^2$

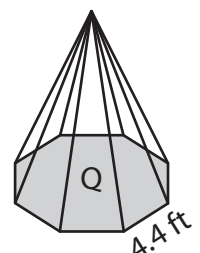


SA = ?



SA = 722 ft^2

Surface area of figure Q = 154.88 ft^2



SA = ?