

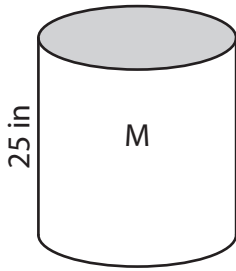
Name : _____

Scale Factors - Surface Areas

L2S2

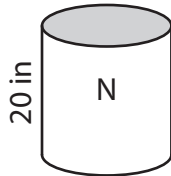
Each pair of figures is similar. Find the missing surface area. (SA denotes Surface Area)

1)

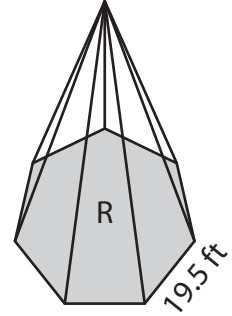
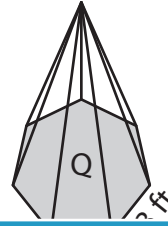


$$SA = 1,206 \text{ in}^2$$

Surface area of figure M = _____



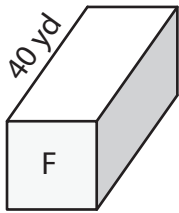
2)



$$SA = 845 \text{ ft}^2$$

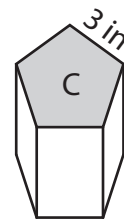
Surface area of figure Q = _____

3)



$$SA = 320 \text{ yd}^2$$

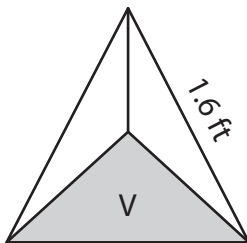
Surface area of figure F = _____



$$SA = ?$$

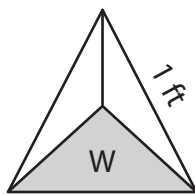
Surface area of figure C = _____

5)

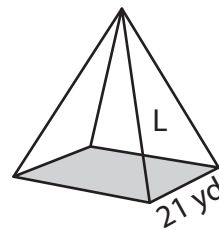


$$SA = ?$$

Surface area of figure V = _____

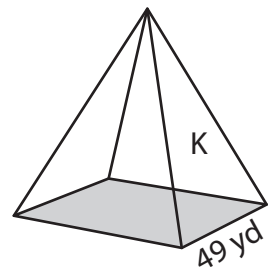


$$SA = 11 \text{ ft}^2$$



$$SA = 441 \text{ yd}^2$$

Surface area of figure L = _____



$$SA = ?$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

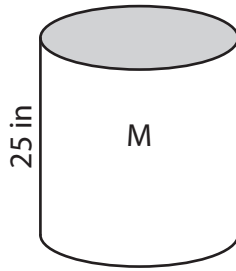
Answer key

Scale Factors - Surface Areas

L2S2

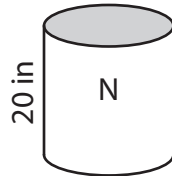
Each pair of figures is similar. Find the missing surface area. (SA denotes Surface Area)

1)

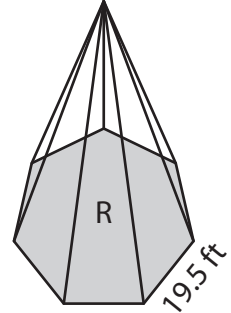
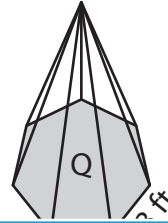


$$SA = 1,206 \text{ in}^2$$

Surface area of figure



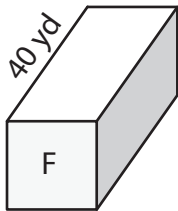
2)



$$SA = 845 \text{ ft}^2$$

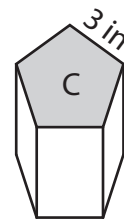
Surface area of figure Q = 88.2 ft²

3)



$$SA = 320 \text{ yd}^2$$

Surface area of figure

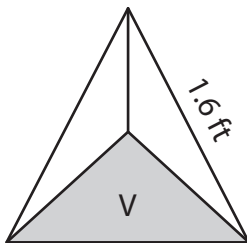


$$SA = ?$$

Surface area of figure C =

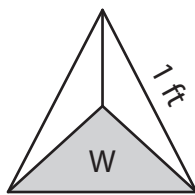
12 in²

5)

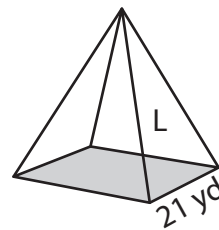


$$SA = ?$$

Surface area of figure V = 28.16 ft²

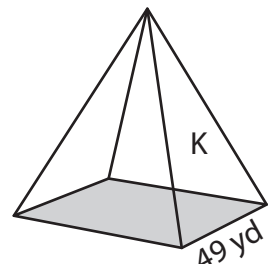


$$SA = 11 \text{ ft}^2$$



$$SA = 441 \text{ yd}^2$$

Surface area of figure K = 2,401 yd²



$$SA = ?$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com