

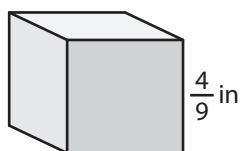
Name : _____

Surface Area - Cube

Sheet 3

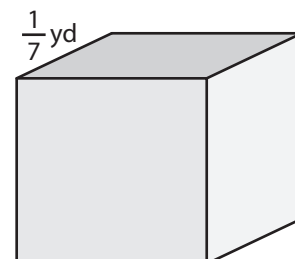
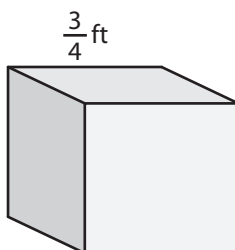
Find the surface area of each cube.

1)



surface area = _____

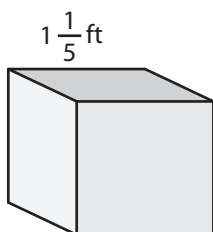
2)



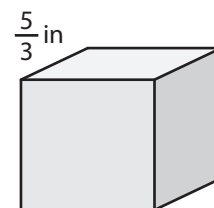
3)

surface area = _____

4)



surface area = _____



surface area = _____

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7) If the side length of the cube is _____

8) Find the surface area of the cube whose side length is $\frac{7}{6}$ feet.

Name : _____

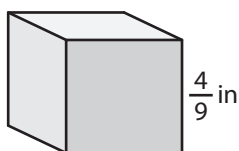
Answer key

Sheet 3

Surface Area - Cube

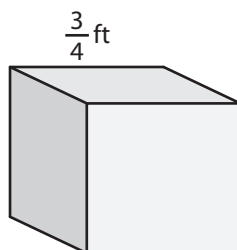
Find the surface area of each cube.

1)

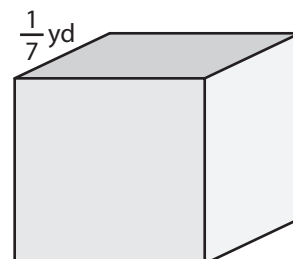


surface area = $\frac{32}{27}$ or $1\frac{5}{27}$

2)

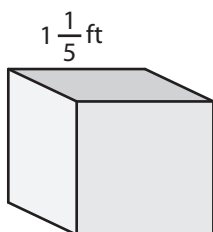


3)

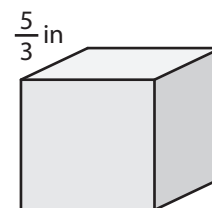


surface area = $\frac{6}{49}$ yd²

4)



surface area = $\frac{216}{25}$ or $8\frac{144}{25}$



surface area = $\frac{50}{3}$ or $16\frac{2}{3}$ in²

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7) If the side length of the cube is $\frac{3}{32}$ square inch

$\frac{3}{32}$ square inch

8) Find the surface area of the cube whose side length is $\frac{7}{6}$ feet.

$\frac{49}{6}$ or $8\frac{1}{6}$ square feet