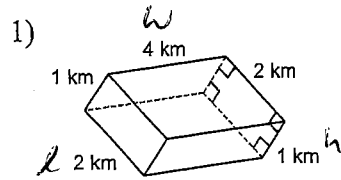


## Surface Area of Prisms and Pyramids

Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary.



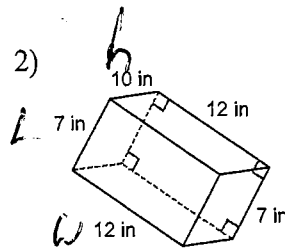
$$SA = 2lw + 2lh + 2wh$$

$$SA = 2(2 \times 4) + 2(2 \times 1) + 2(4 \times 1)$$

$$SA = 2(8) + 2(2) + 2(4)$$

$$SA = 16 + 4 + 8$$

$$SA = 28 \text{ km}^2$$



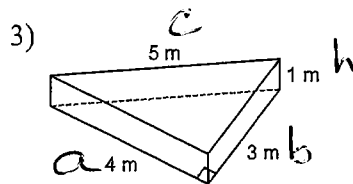
$$SA = 2lw + 2lh + 2wh$$

$$SA = 2(7 \times 12) + 2(7 \times 10) + 2(12 \times 10)$$

$$SA = 2(84) + 2(70) + 2(120)$$

$$SA = 168 + 140 + 240$$

$$SA = 548 \text{ in}^2$$

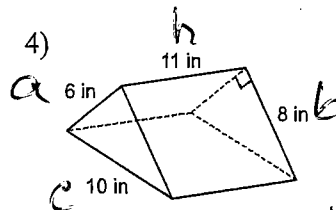


$$SA = ah + bh + ch + ab$$

$$SA = (4 \times 1) + (3 \times 1) + (5 \times 1) + (4 \times 3)$$

$$SA = 4 + 3 + 5 + 12$$

$$SA = 24 \text{ m}^2$$

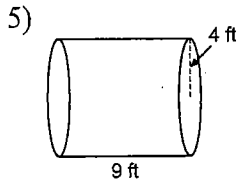


$$SA = ah + bh + ch + ab$$

$$SA = (6 \times 11) + (8 \times 11) + (10 \times 11) + (6 \times 8)$$

$$SA = 66 + 88 + 110 + 48$$

$$SA = 312 \text{ in}^2$$

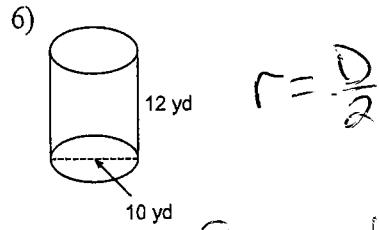


$$SA = 2\pi r^2 + 2\pi rh$$

$$SA = 2\pi(4)^2 + 2\pi(4)(9)$$

$$SA = 100.53 + 226.19$$

$SA = 326.72 \text{ ft}^2$

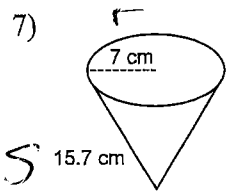


$$SA = 2\pi r^2 + 2\pi rh$$

$$SA = 2\pi\left(\frac{10}{2}\right)^2 + 2\pi\left(\frac{10}{2}\right)(12)$$

$$SA = 157.08 + 376.99$$

$SA = 534.0740^2$

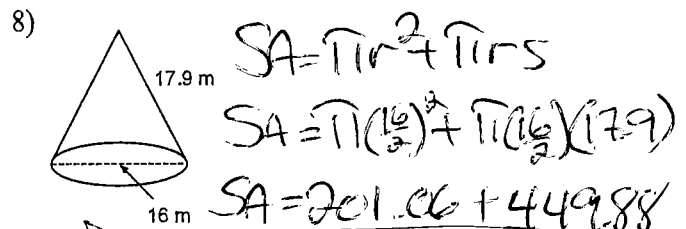


$$SA = \pi r^2 + \pi r s$$

$$SA = \pi(7)^2 + \pi(7)(15.7)$$

$$SA = 153.94 + 345.26$$

$SA = 499.20 \text{ cm}^2$

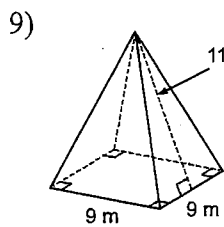


$$SA = \pi r^2 + \pi r s$$

$$SA = \pi\left(\frac{16}{2}\right)^2 + \pi\left(\frac{16}{2}\right)(17.9)$$

$$SA = 201.06 + 449.88$$

$SA = 650.94 \text{ m}^2$



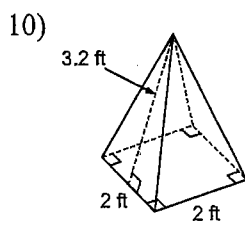
$$SA = \square + 4\Delta$$

$$SA = lw + 4\frac{bh}{2}$$

$$SA = (9)(9) + 4\frac{(9)(11.9)}{2}$$

$$SA = 81 + 214.2$$

$SA = 295.2 \text{ m}^2$



$$SA = \square + 4\Delta$$

$$SA = lw + 4\frac{bh}{2}$$

$$SA = (2)(2) + 4\frac{(2)(3.2)}{2}$$

$$SA = 4 + 12.8$$

$SA = 16.8 \text{ ft}^2$