

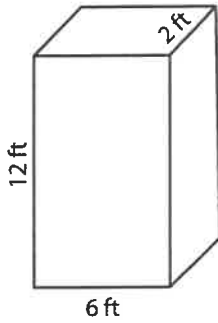
Name : \_\_\_\_\_

L1ES1

## Surface Area of Prisms & Cylinders

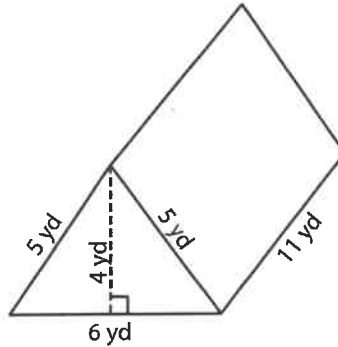
Find the surface area of each shape. (use  $\pi = 3.14$ )

1)



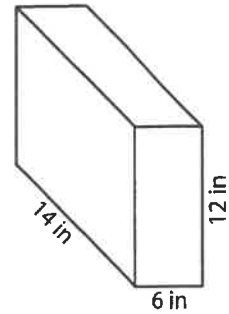
Surface Area = \_\_\_\_\_

2)



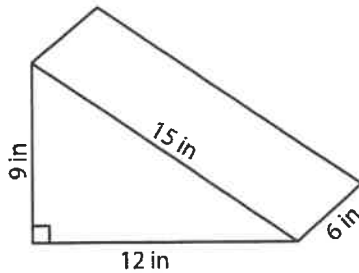
Surface Area = \_\_\_\_\_

3)



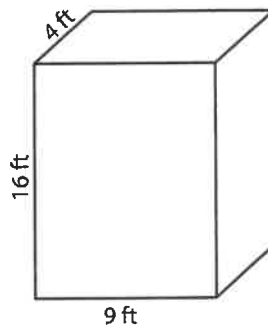
Surface Area = \_\_\_\_\_

4)



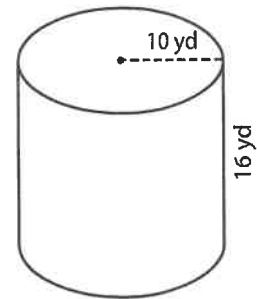
Surface Area = \_\_\_\_\_

5)



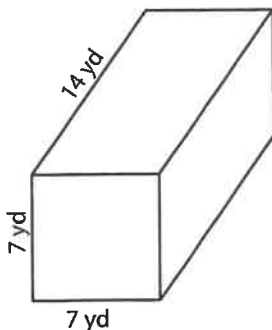
Surface Area = \_\_\_\_\_

6)



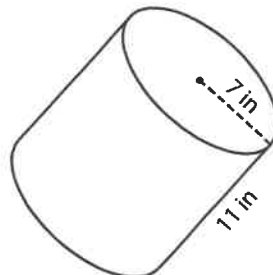
Surface Area = \_\_\_\_\_

7)



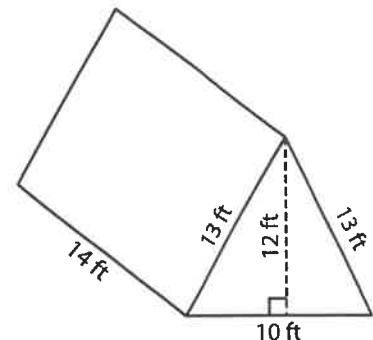
Surface Area = \_\_\_\_\_

8)



Surface Area = \_\_\_\_\_

9)



Surface Area = \_\_\_\_\_

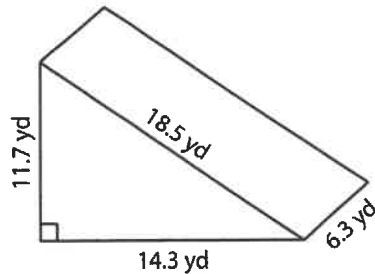
Name : \_\_\_\_\_

## Surface Area of Prisms & Cylinders

Decimals: L1S1

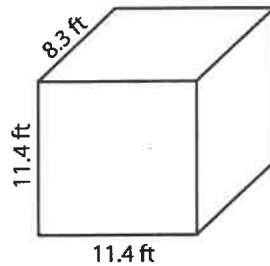
Find the surface area of each shape. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



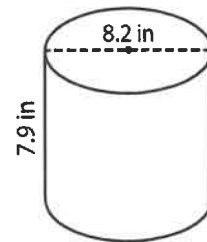
Surface Area = \_\_\_\_\_

2)



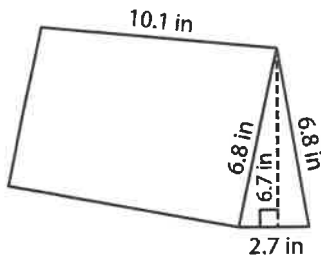
Surface Area = \_\_\_\_\_

3)



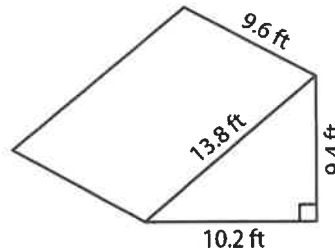
Surface Area = \_\_\_\_\_

4)



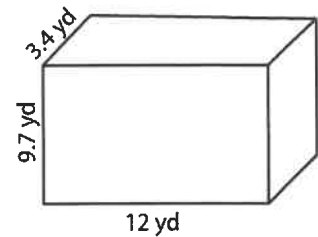
Surface Area = \_\_\_\_\_

5)



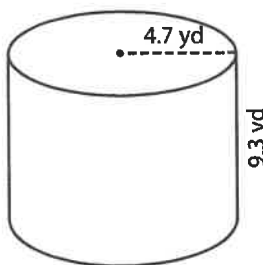
Surface Area = \_\_\_\_\_

6)



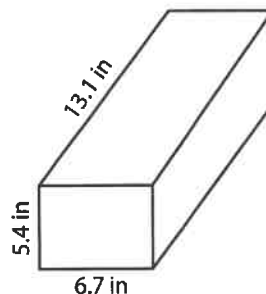
Surface Area = \_\_\_\_\_

7)



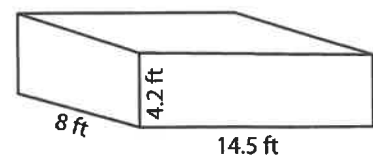
Surface Area = \_\_\_\_\_

8)



Surface Area = \_\_\_\_\_

9)



Surface Area = \_\_\_\_\_

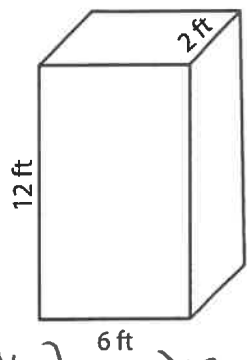
Name : \_\_\_\_\_

# Surface Area of Prisms & Cylinders

L1ES1

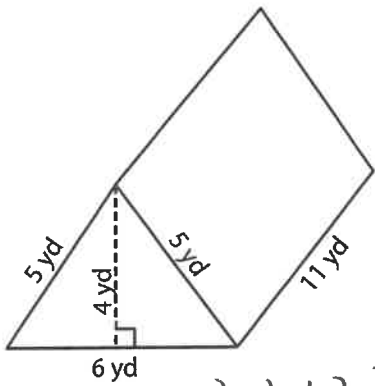
Find the surface area of each shape. (use  $\pi = 3.14$ )

1)



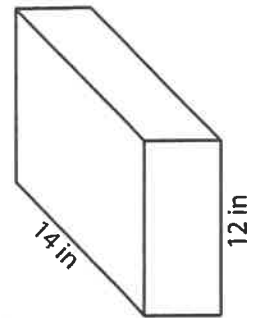
$2(6)(12) + 2(12)(2) + 2(6)(2)$   
Surface Area = 216 ft<sup>2</sup>

2)



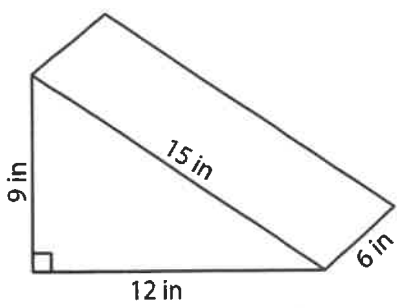
$\pi(6)(4) + 2(5)(11) + (6)(11)$   
Surface Area = 200 yd<sup>2</sup>

3)



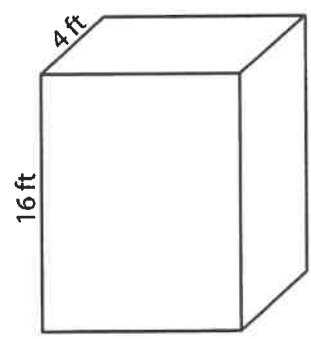
$2(14)(6) + 2(6)(12) + 2(14)(12)$   
Surface Area = 648 in<sup>2</sup>

4)



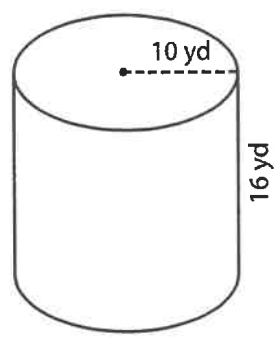
$2(9)(12) + 6(15) + 6(9) + 6(12)$   
Surface Area = 324 in<sup>2</sup>

5)



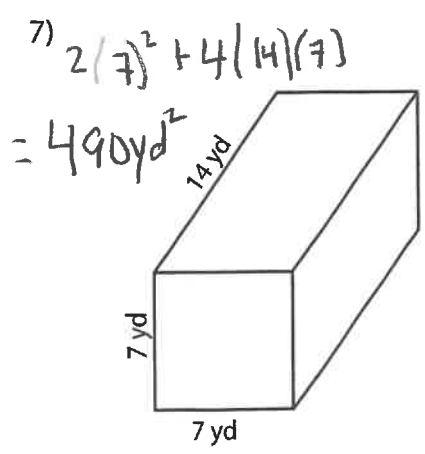
$2(16)(9) + 2(16)(4) + 2(9)(4)$   
Surface Area = 488 ft<sup>2</sup>

6)



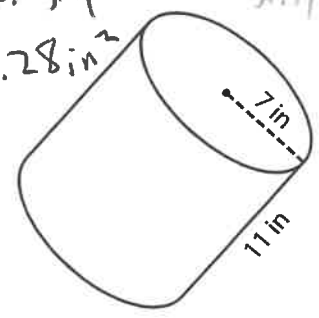
$2(3.14)(10)^2 + 3.14(20)(16)$   
Surface Area = 1632.8 yd<sup>2</sup>

7)



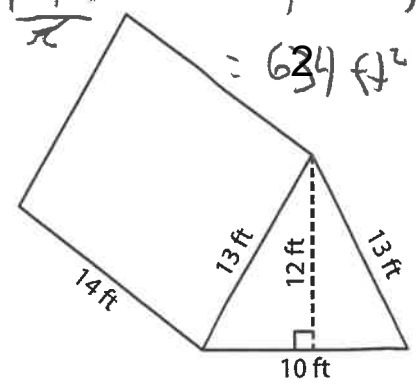
$2(7)^2 + 4(14)(7)$   
 $= 490 yd^2$

8)



$2(3.14)(7)^2 + 3.14(14)(11)$   
 $= 791.28 in^2$

$\frac{9}{2}(10)(18) + 2(13)(14) + 14(10)$   
 $= 634 ft^2$



Name: \_\_\_\_\_

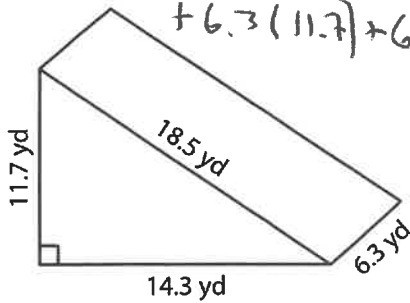
# Surface Area of Prisms & Cylinders

Decimals: L1S1

Find the surface area of each shape. Round your answer to two decimal places.

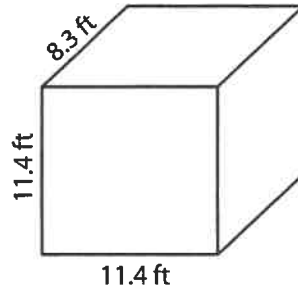
(use  $\pi = 3.14$ )

1)  $2(14.3)(11.7) + 6.3(18.5) + 6.3(11.7) + 6.3(14.3)$



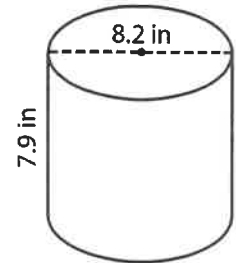
Surface Area = 447.66 yd<sup>2</sup>

2)  $2(11.4)(8.3) + 2(11.4)^2$



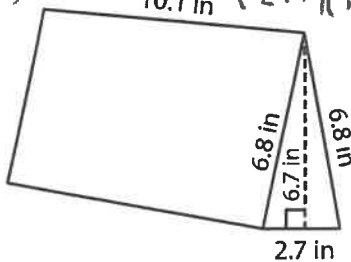
Surface Area = 638.4

3)  $2(3.14)(4.1)^2 + 3.14(8.2)(7.9)$



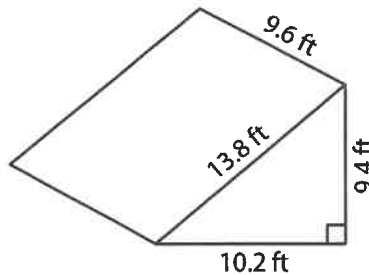
Surface Area = 308.976 in<sup>2</sup>

4)  $2(2.7)(6.7) + 2(6.7)(10.1) + 2(2.7)(10.1)$



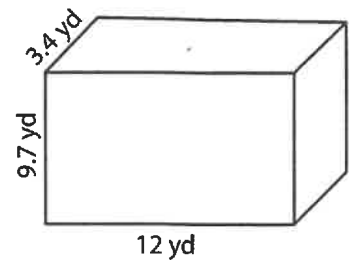
Surface Area = 182.72 in<sup>2</sup>

5)  $2(10.2)(9.4) + 9.6(13.8) + 9.6(10.2) + 9.6(9.4)$



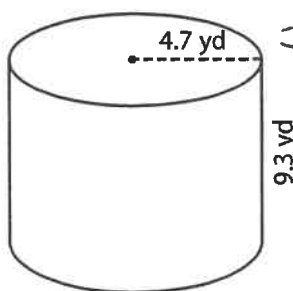
Surface Area = 416.52 ft<sup>2</sup>

6)  $2(9.7)(3.4) + 2(9.7)(12) + 2(12)(3.4)$



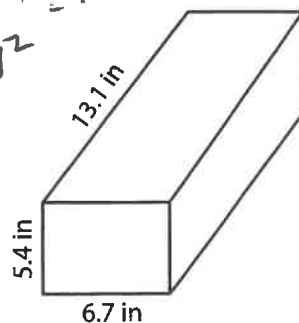
Surface Area = 380.36 yd<sup>2</sup>

7)  $2(3.14)(4.7)^2 + 3.14(9.4)(9.3)$

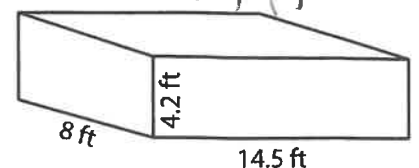


= 413.224 yd<sup>2</sup>

8)  $2(13.1)(5.4) + 2(5.4)(6.7) + 2(13.1)(6.7)$



9)  $2(8)(4.2) + 2(4.2)(14.5) + 2(14.5)(8)$



= 421 ft<sup>2</sup>