51


LA = ½ · perimeter of base · slant height

LA = ½ · (2+2+2) · 7

LA = 21 yd²

52


LA = perimeter · height

LA = (5·4) · 10

LA = 200 KM²

53


LA = circumference · height

LA = 2πrh

LA = 2π(5)(3)

LA = 30π m²

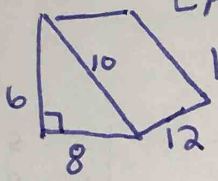
54


LA = πrl

LA = π(2)(6.3)

LA = 12.6π in²

55




LA = Perimeter · Height

LA = (6+8+10) · 12

LA = 288 ft²

56


LA = perimeter · height

LA = (12·6) · 8

LA = 576 in²

57


SA = πrl + πr²

SA = π(7)(15.7) + π(7)²

SA = 158.9π m²

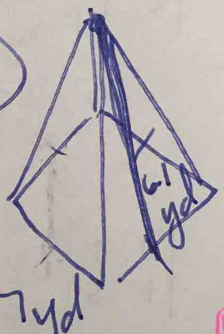
58

SA = 4πr²

SA = 4π(9)²

SA = 324π mi²

59




SA = Area of Base + ½ pl

SA = 7(7) + ½(7·4)(6.1)

SA = 49 + 85.4

SA = 134.4 yd²

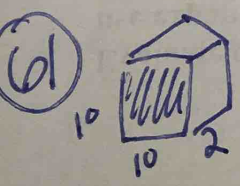
60

SA = 4πr²

SA = 4π(3.9)²

SA = 60.84π in²

61



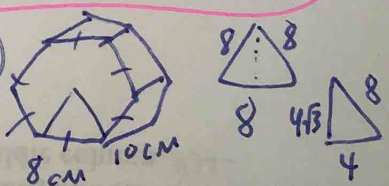

SA = 2 · Area of Base + perimeter · height

SA = 2(10·10) + (10·4)(2)

SA = 200 + 80

SA = 280 mi²

62




SA = 2 · Area of Base + perimeter · height

SA = 2·6·½·8·4√3 + (8·6)·10

SA = 192√3 + 480 cm²

(63) 

$V = \frac{4\pi r^3}{3}$

$V = \frac{4\pi(2)^3}{3}$

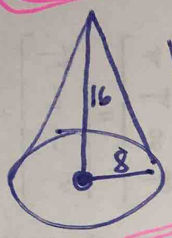
$V = \frac{32\pi}{3}\ mi^3$

(64) 


$V = \pi r^2 h$

$V = \pi(9)^2(9)$

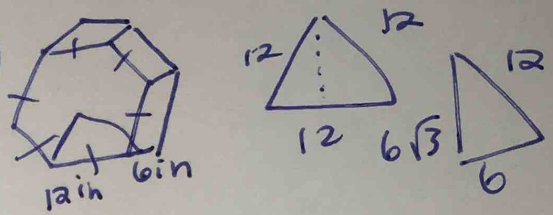
$V = 729\pi\ cm^3$

(65) 


$V = \frac{1}{3}\pi r^2 h$

$V = \frac{1}{3}\pi(8)^2(16)$

$V = \frac{1024\pi}{3}\ yd^3$

(66) 


V = Area of Base · Height

$V = 6 \cdot \frac{1}{2} \cdot 12 \cdot 6\sqrt{3} \cdot 6$

$V = 1296\sqrt{3}\ in^3$