

Review

p. 595: 10-22

Answers only

(odds in Back of Book! :))

#10 a. $LA = 180$
 $TA = 180 + 25\sqrt{3}$

b. $LA = 60\pi$
 $TA = 96\pi$

c. $LA = 195\pi$
 $TA = 279.5\pi$

#12 48π

#14 $(1440 + 432\sqrt{3}) \text{ cm}^2$
 $(4320\sqrt{3}) \text{ cm}^3$

#16 $150,459 + 927\pi + \frac{459\sqrt{3}}{4}$

#18 $70\sqrt{2}$

#20 $V = 500\pi - 750\sqrt{3}$
 $T.A = 300 + \frac{400\pi}{3} - 50\sqrt{3}$

#22 a. $\frac{64\pi\sqrt{3}}{3}$ b. 35π