

14.1

#2 16

#6 $\frac{1 - \cos 2}{2}$

#10 -2

#12 $\ln \frac{25}{24}$

#14 $(3\sqrt{3} - 4\sqrt{2} + 1) / 3$

#16 $\frac{\pi^2}{144}$

#20 $V=1$

#24 True

#26 True

#32 30

#36 $2(31 - 9\sqrt{3}) / 45$