

Please let me know if you find any typos or errors in the answers below.

Sec 5.3:

2, 3π

4, 0

8, $1/3$

16, $1/2$

24, $3\ln 2$

26, $17/56$

32, -12

38, 12

42, 6

44, $(1 - e^{-9})/2$

Sec 5.4:

20, $9/2$

22, $1/\ln 2$

24, $(\ln 3 - (\ln 5)/2)/2$