

1.  $\frac{2}{\pi}$

2.  $63 + 2\sqrt{5}$

3.  $\frac{4217 + 180\sqrt{5}}{90}$

4.  $2\sqrt{3} + 3$

5.  $-\frac{99}{4}$

6.  $\frac{336\pi + 5280}{15}$

7. 4

8.  $A, C, D, E$ , in any order.

9.  $\frac{24 + 11\sqrt{3}}{3}$

10.  $\frac{3}{25}$

11. 1

12. 3000

13.  $255 + 3e^{10}$

14.  $\frac{10\sqrt{10}}{3\pi}$