

1. 2.5

3. $5/3$

5. $336/49$

7. 170

11. $50,700,551/10,077,696 \approx 5.03$

$$= \sum_{n=1}^{10} n \left(\frac{1}{6}\right) \left(\frac{5}{6}\right)^{n-1} + 10 \left(\frac{5}{6}\right)^{10}$$

13. 6

29. a) 0