

## STATISTICS AUDIT: Answers

---

1. (i) D (ii) C (iii) D
  2. (a) (i) 18 (ii) 5  
(b) (i) 42 (ii) 15
  3. (a) 7 (b) 6 (c) 7 (d) 3 (e) 6
  4. 5
  5. 3.03
  6. 1.2, 1.8, 0.4, 0.1, 0.02
  7. (i) T (ii) T (iii) F (iv) T
  8.  $p = \frac{1}{6}$
  9. (a)  $\frac{1}{32}$  (b)  $\frac{5}{32}$  (c)  $\frac{13}{16}$
  10. (a) 0.349 (b) 0.387 (c) 0.930
  11. (a)  $\frac{2}{5}$  (b)  $\frac{1}{2}$  (c)  $\frac{1}{4}$  (d)  $\frac{13}{20}$  (e)  $\frac{1}{2}$  (f)  $\frac{3}{8}$
  12. (a) 2 (b) 1.5
  13. (a) 0.018 (b) 0.073 (c) 0.908
  14. 10
  15. A: ✓ B: ✗ C: ✓ D: ✗
  16. (a) 0.159 (b) 0.023 (c) 0.977
  17. (a) 0.309 (b) 0.932 (c) 0.804
  18. (a) 403 (b) 367 (c) 197
  19. (a) C (b) 70 (c) 9
  20. (a) B (b) A (c) C
  21. 0.674
  22. (a) 0.7 (b) 0.61
  23.  $k = \frac{1}{2}$
  24.  $6\frac{2}{3}$
  25. (40.16 , 55.84)
-