

Jawaban Soal Mean Median Modus PDF

1. Data: 4, 6, 8, 10, 12
Jumlah = 40, banyak data = 5
Mean = $40 \div 5 = 8$
2. Mean = 18, jumlah = $3 \times 18 = 54$
Bilangan ke-3 = $54 - (12 + 15) = 27$
3. $(80 + 75 + 85 + 90) \div 4 = 330$
 $330 \div 4 = 82.5$
4. $(30.000 + 35.000 + 28.000 + 40.000 + 25.000) \div 5 = 158.000$
 $158.000 \div 5 = \text{Rp}31.600$
5. $(3 + 6 + 9 + 12) \div 4 = 30$
 $30 \div 4 = 7.5$ (Jawaban: B)
6. $(60 + 70 + 80 + 70 + 90) \div 5 = 370$
 $370 \div 5 = 74$
7. $(45 + 50 + 47 + 48 + 50) \div 5 = 240$
 $240 \div 5 = 48$
8. Jumlah = $5 \times 20 = 100$
bilangan ke-5 = $100 - (18 + 22 + 19 + 21) = 20$
9. Total lama: $5 \times 76 = 380$
 $380 + 86 = 466$
Mean baru = $466 \div 6 = 77.67$
10. $(100 + 95 + 105 + 110) \div 4 = 410$
 $410 \div 4 = 102.5$
11. $(50.000 + 60.000 + 70.000 + 80.000 + 90.000) \div 5 = 350.000$
 $350.000 \div 5 = \text{Rp}70.000$
12. Jumlah awal: $4 \times 25 = 100$
total baru = 135
rata-rata = $135 \div 5 = 27$
13. Total = $4 \times 80 = 320$
jumlah 3 nilai = 240
nilai ke-4 = 80

14. $(20 + 25 + 30 + 25) \div 4 = 100$
 $100 \div 4 = \mathbf{25}$
15. Jumlah awal = $6 \times 78 = 468$
sisa jumlah = $468 - 75 - 85 = 308$
rata-rata baru = $308 \div 4 = \mathbf{77}$
16. $120 \div 6 = \mathbf{20}$
17. Total panen = $50 + 60 + 40 + 50 = 200$
rata-rata = $200 \div 4 = \mathbf{50 \text{ kg}}$
18. Total awal = $4 \times 11 = 44$
total baru = $5 \times 12 = 60$
tambahan anak = $60 - 44 = \mathbf{16 \text{ tahun}}$
19. Total = $5 \times 70 = 350$
tanpa nilai 50 = 300
rata-rata baru = $300 \div 4 = \mathbf{75}$
20. Total harus = $5 \times 95 = 475$
sekarang = 380
nilai kelima = $\mathbf{95}$
21. Median dari 3, 5, 7 adalah $\mathbf{5}$
22. Urutkan: 2, 4, 6, 8
median = $(4+6) \div 2 = \mathbf{5}$
23. Median dari 70, 80, 85, 90, 95
tengah = $\mathbf{85}$
24. Urutkan: 20, 25, 30, 35, 40
median = $\mathbf{30}$
25. Median dari 10, 20, 30, 40, 50 = $\mathbf{30}$
26. 5, 6, 7, 8, 9, 10
median = $(7 + 8) \div 2 = \mathbf{7.5}$
27. Median dari 3, 3, 4, 5, 6, 7, 8 = $\mathbf{5}$
28. Urutkan: 60, 65, 70, 75, 80
median = $\mathbf{70}$
29. Median = $(8 + 8) \div 2 = \mathbf{8}$
30. Urutkan: 85, 90, 95, 100, 105
median = $\mathbf{95}$
31. Median = 30, 32, 34, 35, 36
tengah = $\mathbf{34}$

32. Urutkan: 3, 4, 5, 6, 7
median = **5**
33. Median dari 11, 13, 15, 17, 19
tengah = **15**
34. 1, 2, 3, 4, 5, 6, 7, 8
median = $(4 + 5) \div 2 = \mathbf{4.5}$
35. Median dari 90, 92, 95, 98, 100, 102, 105
tengah = **98**
36. Data: 3, 3, 3, 4, 5, 6
modus = **3**
37. 6 muncul $3\times$
modus = **6**
38. 20 muncul $3\times$
modus = **20**
39. 60 muncul $3\times$
modus = **60**
40. 2 muncul $3\times$
jawaban: **A. 2**
41. 7 muncul $3\times$
modus = **7**
42. 42 muncul $2\times$
modus = **42**
43. Frekuensi tertinggi = 5 (nilai 80)
modus = **80**
44. Semua hanya muncul 1 kali
tidak ada modus
45. 99 muncul $3\times$
modus = **99**
46. 13 muncul $3\times$
modus = **13**
47. 7 dan 9 muncul $3\times$
modus = **7 dan 9** (data bimodal)
48. 45 muncul $3\times$
modus = **45**

49. Jika dua modus: contoh data = 2, 2, 3, 3
modus = **2 dan 3**
50. 61 muncul $3\times$
modus = **61**
51. Urutkan: 20, 30, 40, 50, 60
median = **40**
52. Modus dari: 15, 15, 15, 16, 17
modus = **15**
53. Median dari: 5, 10, 15, 20, 25, 30
median = $(15 + 20) \div 2 = \mathbf{17.5}$
54. $(90 + 95 + 100) \div 3 = \mathbf{95}$
55. Data: 3, 4, 5, 6, 6
modus = **6**, median = **5**, mean = $24 \div 5 = \mathbf{4.8}$
56. Total: $80 + 85 + 90 = 255$
tambah $x = 75$
total = 330
rata-rata baru = 82.5, berarti datanya **benar**
57. Data: 100, 80, 90, 80, 100, 90, 90
modus = **90**
58. Rata-rata = $(70 + 75 + 80 + 85 + 90) \div 5 = 400$
 $400 \div 5 = \mathbf{80}$
59. Data ganjil
median = **nilai tengah**, data genap
median = rata-rata dua tengah
60. Soal cerita: total data = 7
nilai ke-8 = **75**, nilai ke-9 = **75**
maka modus = **75**