

KUNCI JAWABAN PAT MATEMATIKA KELAS 8

I. PILIHAN GANDA

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|-------|-------|-------|
| 1. B | 11. A | 21. A |
| 2. B | 12. A | 22. A |
| 3. A | 13. C | 23. B |
| 4. D | 14. D | 24. C |
| 5. D | 15. B | 25. B |
| 6. B | 16. C | 26. D |
| 7. D | 17. A | 27. D |
| 8. D | 18. C | 28. D |
| 9. A | 19. B | 29. B |
| 10. C | 20. B | 30. C |

II. ESAI

32. $L = \pi r^2$
 $= \frac{22}{7} \cdot 21 \cdot 21$
 $= 66 \cdot 21$
 $= 1.386$

33. $V = L \cdot a \times t$
 $= \frac{1}{2} \cdot a_d \cdot t_d \times t_p$
 $= \frac{1}{2} \cdot 6 \cdot 8 \times 13$
 $= 24 \times 13$
 $= 312$

34. I. $8 \times 176 = 1.408$
 II. $6 \times 175 = \frac{1.050}{358}$
 $358 : 2 = 179$

35. Dik. $n(K) = 10$
 $n(A) = 5$
 $n(B) = 26$
 $n(S) = 41 - 1 = 40$
 $n(P) = \frac{n(P_t)}{n(S)}$
 $= \frac{5}{40}$
 $= \frac{1}{8}$

39. $DB = \sqrt{AB^2 - AD^2} = \sqrt{13^2 - 5^2} = 12$
 $DC = DB : 2 = 12 : 2 = 6$
 $ED = EA - AD = 13 - 5 = 8$
 $EC = \sqrt{ED^2 + DC^2}$
 $= \sqrt{8^2 + 6^2}$
 $= \sqrt{64 + 36}$
 $= \sqrt{100}$
 $= 10$