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Matematika Disulit Date

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Perteman 12

1. 4 x 3 x 2 = 24 bilangan

2. 5 = 2 hurux

T = 3 huruf

A = 1 horof

1 = 2 horor

K = 1 Prink

Total = 9 huror

P = 9! = $9 \times 8 \times 7 \times 6 \times 5 \times 4 \times 3!$ = 60.480 = 15.120 cara 2!3!1!2!1! = $2 \times 1 \times 3! \times 1 \times 2 \times 1 \times 1$

3. Psiuis = (n-1)!

n=7

 $P_{\text{Siwis}} = (7-1)!$ = 6!
= 6x5x4x3x2x1
= 720

4 · 2 conon n = 10

 $P = 10! = 10 \times 9 \times 8! = 10 \times 9 = 45$ susunan $2! \times 8! \times 2 \times 1$

5. 6^{8} Myak cara = 5 C2 × 6 C3 × 7 C4 = 5! × 6! × 7! = $5 \times 4 \times 3!$ × $6 \times 5 \times 4 \times 9!$ × $7 \times 6 \times 5 \times 4!$ 2!(5-2)! 3!(6-3)! 4!(7-3)! $2 \times 3!$ 3! 3! $3 \times 2 \times 1$ 4! $4 \times 4 \times 3 \times 2 \times 1$ = $10 \times 20 \times 8,75$

= 1750 Cara

6. 24C2 = 24! = $24 \times 23 \times 22!$ = 276

7. O sampai 5 = 6 Pilihan Jan 3 angka 6 x 6 x 6 = 216 hombinasi