

4. a sub i is written

$$a_i$$

⠠⠠⠠⠠⠠⠠

5. The equation a sub n equals a sub n minus one plus three is written

$$a_n = a_{n-1} + 3$$

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6. The equation a equals open fraction v sub f minus v sub i over t close fraction is written

$$a = \frac{v_f - v_i}{t}$$

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7. The log base b of a is written

$$\log_b a$$

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

8. The log base two of x is written

$$\log_2 x$$

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

9. The number of permutations of n objects taken r at a time is written

$${}_n P_r \text{ or } P_{n,r}$$

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10. The number of combinations of n objects taken r at a time is written

$${}_nC_r \text{ or } C_{n,r}$$



11. The number of permutations of five objects taken three at a time is written

$${}_5P_3 \text{ or } P_{5,3}$$



12. The number of combinations of five objects taken three at a time is written

$${}_5C_3 \text{ or } C_{5,3}$$



13. The equation one zero one one zero sub two equals twenty-two sub ten is written

$$10110_2 = 22_{10}$$

