1 C

10. 
$$(x^2 + \frac{1}{ax})^{10} = \frac{10}{2} (\frac{10}{r}) (x^2)^{10-r} (\frac{1}{ax})^{10}$$
 $= \frac{10}{2} (\frac{10}{r}) x^{20-2r} (\frac{1}{ax})^{20-3r}$ 
 $= \frac{10}{2} (\frac{10}{r}) x^{20-3r}$ 
 $= \frac{10}{2} (\frac{1$ 

12. 
$$(1+kx)^2 = 1 + (2x + 60x^2 - ..., n \in 2^n)$$
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