

$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 = 2^2 - 1$$



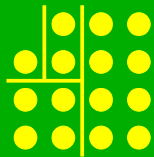
$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 = 2^3 - 1$$



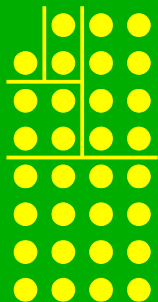
$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 + 2^3 = 2^4 - 1$$



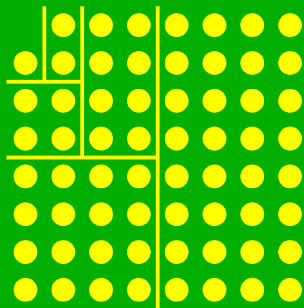
$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 + 2^3 + 2^4 = 2^5 - 1$$



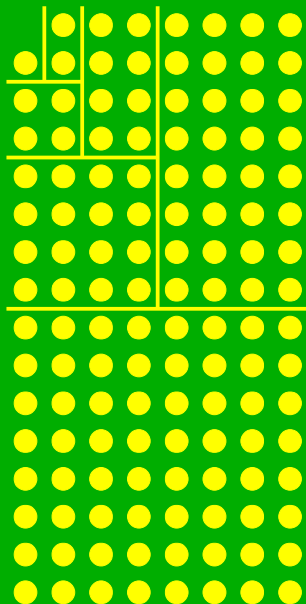
$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 + 2^3 + 2^4 + 2^5 = 2^6 - 1$$



$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 = 2^7 - 1$$



$$1 + 2 + 4 + \dots + 2^n = 2^{n+1} - 1$$

$$1 + 2^1 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 = 2^8 - 1$$

