Divis015

Q: Product of all Sivisois 24?

Q: Product of all div, of n?

Ex. Find the prod. of the div. of 450 that are multiples of 3

$$1. \quad 450 = 2.3^{2}.5^{2}$$

$$150 = 2.3^{2}.5^{2}$$

$$1(50) = 12$$

$$150 = 150^{6}$$

$$50 = 2 \cdot 5^{2}$$

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$$\frac{5}{2}$$

$$\frac{5}{2}$$

$$\frac{5}{3}$$

$$\frac{1}{3}$$

$$\frac{(20+21+2^2+2^3)(30+31)}{15} = 60$$

$$X = z^{0} + 2^{1} + 2^{2} + 2^{3}$$

$$2 \times = z^{1} + 2^{2} + 2^{3} + 2^{4}$$

$$2 \times = z^{1} + 2^{2} + 2^{3} + 2^{4}$$

$$(2-1) \times = 2^{4} - 2^{0}$$

$$\times = \frac{2^{4} - 2^{0}}{2 - 1}$$

$$n = P, C, P \geq \dots P k$$

$$S(\mathbf{n}) = \frac{P_1 e_1 + 1}{P_1 - 1} \left(\frac{P_2 e_2 + 1}{P_2} \right) \cdot \cdot \cdot \left(\frac{P_k e_k + 1}{P_k} \right)$$