

Conclusion

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Recapitulation

We have stated some existing and new facts about the divisor function, including the useful theorem $\sigma(pn) = p\sigma(n) + \sigma\left(\frac{n}{p^\alpha}\right)$. From these results, we proved several properties of even perfect, multiperfect, and odd perfect numbers. We also restated the definition of an Ore harmonic number in a more useful way.

References

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