



Mathcad Minute

Tips, news, deals & reviews

August 2023



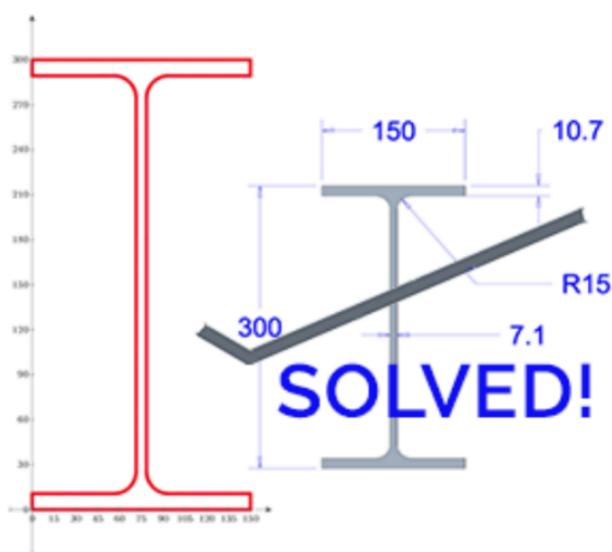
Mathcad Virtual Conference 2023

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CONFERENCE: Mathcad Virtual Conference 2023 Registration

The Mathcad Virtual Conference 2023 is taking place on August 30! This virtual event will showcase upcoming features in Mathcad Prime 10, other roadmap announcements, how to use solving and programming, the hidden details of Prime 9's engines updates, and an inspiring customer story!

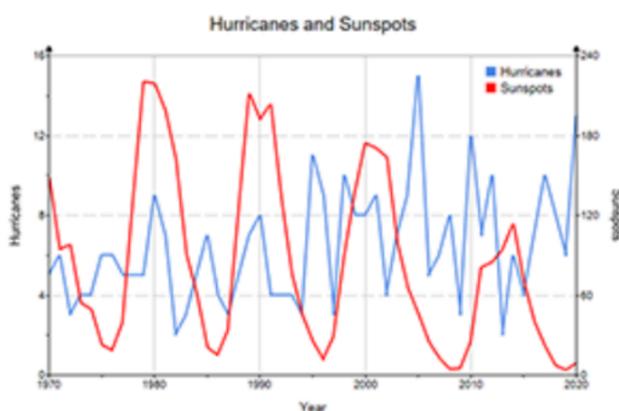
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SOLVED: Properties of a Steel I-Beam Challenge

Check out the beautiful and creative solutions your fellow engineers devised in the Mathcad Community Challenge July 2023, which asked for the properties of a steel I-Beam. You'll learn lots about engineering with Mathcad Prime by the time you're done.

[LEARN FROM PEERS >>](#)



BLOG: Mathcad's Graphing Options: XY Plots vs Chart Components

Have you wondered about the differences between Mathcad Prime's quick XY Plots and the Chart Component? This blog explains the differences and when you may wish to use one option over another. Heads up: Next month's Mathcad Community Challenge will feature extensive use of Mathcad Prime's graphing capabilities.

[READ THE BLOG >>](#)

$$f(x) := 6m - \frac{6}{5}x$$

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$$A(x) := \int_0^x f(x) dx \rightarrow \frac{3 \cdot x^2}{5} + 6 \cdot m \cdot x$$

$$A(2m) = 9.6 m^2$$

$$x := 0 m, 0.1 m .. 5 m$$

SOLVING DEFINITE INTEGRALS

$f(x) (m)$

VIDEO: Solving Definite Integrals

This video showcases a fundamental aspect of calculus: Integration. Mathcad Prime makes solving definite integrals both numerically and symbolically very easy, and this enables a wide range of use cases!

[WATCH THE VIDEO >>](#)



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