

# Enhanced Demo: Adaptive Sizing + Inline Formulas

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## Simple formula

Einstein discovered  $E = mc^2$  in physics.

## Multiple formulas

Compare  $F = ma$  with  $E = mc^2$  and  $a^2 + b^2 = c^2$  concepts.

## Complex formula

The quadratic formula  $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$  solves equations.

Formula at size 8:  $E = mc^2$  scales proportionally.  
Font 8pt:

Formula at size 12:  $E = mc^2$  scales proportionally.  
Font 12pt:

Formula at size 16:  $E = mc^2$  scales proportionally.  
Font 16pt:

Formula at size 20:  $E = mc^2$  scales proportionally.  
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