

# Equations Test File (Version 2.0)

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## I. InlineEquation

**Ia. alt[@role="latex"]**

Expecting maths (italic):  $Ia = mc^2$

**Ib. alt[not(@role)]**

Expecting graphics (Ib.png): [lb.png](#)

**Ic. textobject[@role="latex"]**

Expecting text (non-italic):  $Ic=mc^2$

**Id. textobject[not(@role)]**

Expecting graphics (Id.png): [ld.png](#)

## II. InformalEquation

**IIa. alt[@role="latex"]**

Expecting maths (italic):

$$IIa = mc^2$$

**IIb. alt[not(@role)]**

Expecting graphics (Ib.png):  
[lib.png](#)

**IIc. textobject[@role="latex"]**

$Ic=mc^2$

**IId. textobject[not(@role)]**

Expecting graphics (Id.png):  
[llic.png](#)

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$$IIIa = mc^2$$

Equation III.1: maths IIIa.

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[IIlb.png](#)

Equation III.2: maths IIIb.

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## III. III. Equation

**IIIa. IIIa. simple use**

**IIIb. IIIb. simple use, maths in picture**

**IIIc. IIIc. enhanced use**

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$$IIIc=mc^2$$

Equation III.3: maths IIIc.

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**IIId. IIId. enhanced use, maths in picture**

## IV. Misc

maths Ic2. This is maths in L<sup>A</sup>T<sub>E</sub>X:  $Ic2 = mc^2$   
maths Ic2b. [lc.png](#)

## V. Processing Directive

<?latex?>:  $E^2 = (mc^2)^2 + (pc)^2$   
<?db2latex?>:  $E^2 = (mc^2)^2 + (pc)^2$

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IIId.png

Equation III.4: maths IIIId.

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