### Casio FX-115MS reference card

<table>
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<th>Casio FX-115MS reference card</th>
<th>Michael A. Covington</th>
<th><a href="http://www.ai.uga.edu/mc">www.ai.uga.edu/mc</a></th>
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**Full reset:** (SHIFT) CLR ALL
- MODE key cycles between many choices.
- Unless otherwise directed, use Comp mode.
- Press ▲▼ to see & edit previous work.
- Press ◀▶ after an error to see & edit it.

**HEX, OCTAL, BINARY**
- Press MODE MODE BASE 3.
- Enter a number.
- HEX, BIN, OCT, DEC changes base.
- LOGIC shows 3 menus of operations.

**ANGLE UNITS** (degrees, radians, grad):
- Default unit is chosen with MODE.
- DRG converts other units to default.
- Example: 10D R GR2 = 572.9577°.

**STATISTICS**
- MODE MODE SD 1 to get into stat mode.
- CLR SCL 1 to clear stat memory.
- Enter data items followed by DT.
- Edit data with ▲▼.
- Press DT to stop entering data.
- Then press S-VAR for mean and std.dev.

**EQUATION SOLVER**

*Note: “ALPHA =” is not the main “=” key.*
- Example: \( a = b^2 + c \), \( a = 10, \ c = 1.5 \)
- \( \text{ALPHA A} \ \text{ALPHA} = a \ \text{ALPHA B} \ ^2 + \text{ALPHA C} \text{SOLVE} \)
- \( A? 10 = \ B? \ ^v \) (leave it unknown)
- \( C? 1.5 = \)

**REGRESSION** (interpolation)

*Enter Reg mode: MODE MODE REG 2 LIN 1 (could also be quadratic, logarithmic, etc.)*

*Enter data like statistics:*
- \( (\text{SHIFT}) \ CLR \ SCL 1 = \) (clear memory)
- \( 2,10D \ T \)
- \( 3,15D \ T \) (etc.)
- Stop entering data by pressing AC.
- Then press S-VAR ▶▶▶ for \( \hat{y} \) = Interpolated result is displayed. Also: \( r = \text{corr}, \ A = \text{intercept}, \ B = \text{slope.} \)