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## Calculations from a PDF

TI-84 Plus

EQUATION SOLVER  
 eqn:  $0 = \text{fnInt}(A/(X^2 - 4X), X, 1, 3) - 1$

$\text{fnInt}(A/(X^2 - 4X), X, 1, 3) = 0$   
 $A = -1.820478453...$   
 $X = 1$   
 $\text{bound} = (-1E99, 1E99)$

$$\int_1^3 \left( \frac{XA}{X^2 - 4X} \right) dX \rightarrow M$$

2

$$\int_1^3 \left( (X-M)^2 * \frac{A}{X^2 - 4X} \right) dX$$

.3590430935

Casio fx-9860GII

$E \leftarrow \int_1^3 \frac{A}{X^2 - 4X} dX - 1$   
 $A = -1.820478453$   
 $Lft = 0$   
 $Rgt = 0$   
 REPT

$$\int_1^3 X * \frac{A}{X^2 - 4X} dX \rightarrow M$$

2

$\int dX$   $\Sigma()$   $\sqrt{\square}$

$$\int_1^3 (X-M)^2 * \frac{A}{X^2 - 4X} dX$$

0.3590430935

$\int dX$   $\Sigma()$   $\sqrt{\square}$