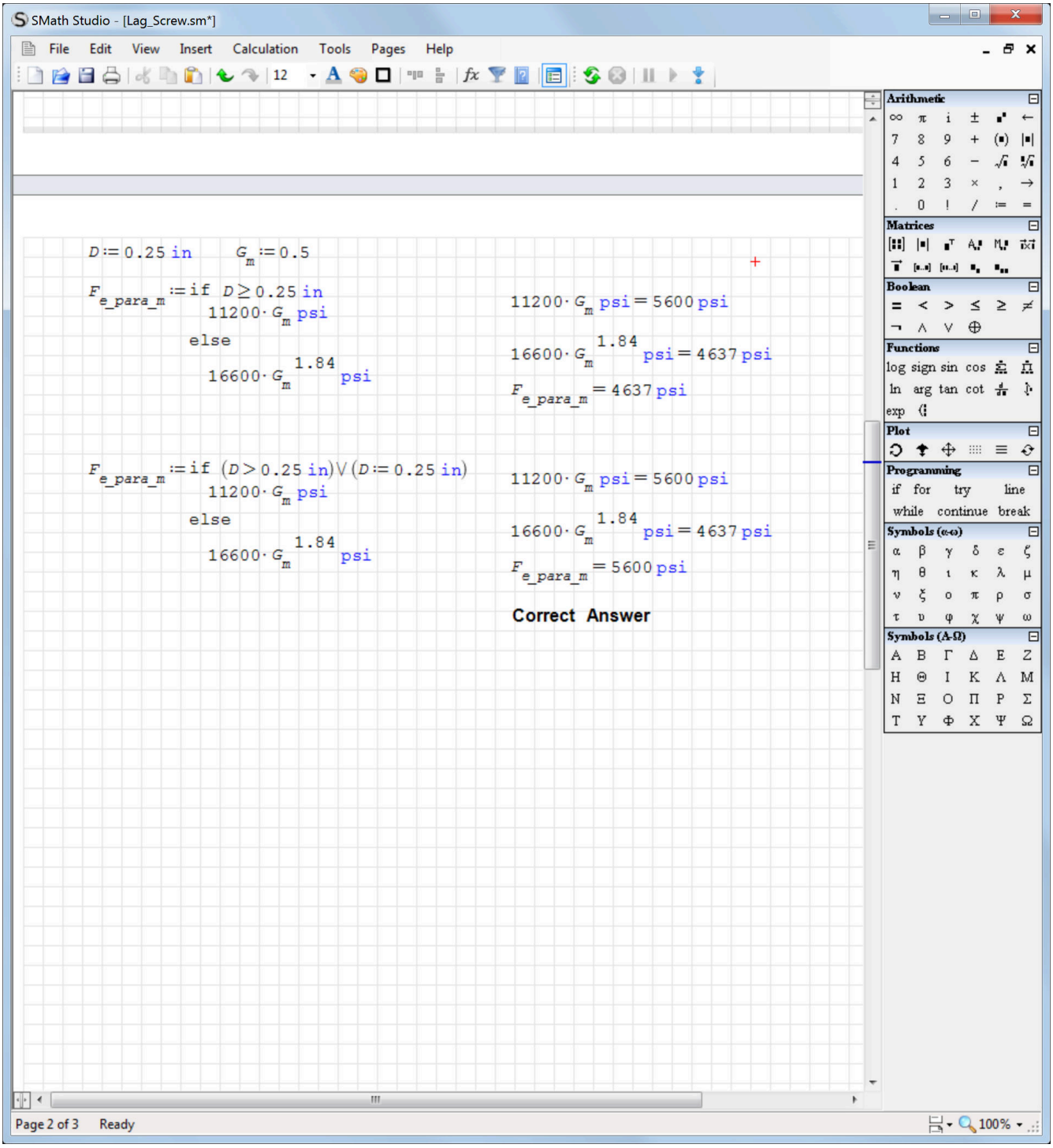
SMath Studio - [Lag_Screw.sm*]
File Edit View Insert Calculation Tools Pages Help
$D := 0.25\,in$ $G_m := 0.5$
$F_{e_para_m} := \text{if } D \geq 0.25\,in$
$11200 \cdot G_m\,psi$
else
$16600 \cdot G_m^{1.84}\,psi$
$11200 \cdot G_m\,psi = 5600\,psi$
$16600 \cdot G_m^{1.84}\,psi = 4637\,psi$
$F_{e_para_m} = 4637\,psi$
$F_{e_para_m} := \text{if } (D > 0.25\,in) \vee (D = 0.25\,in)$
$11200 \cdot G_m\,psi$
else
$16600 \cdot G_m^{1.84}\,psi$
$11200 \cdot G_m\,psi = 5600\,psi$
$16600 \cdot G_m^{1.84}\,psi = 4637\,psi$
$F_{e_para_m} = 5600\,psi$
Correct Answer
Arithmetic
Matrices
Boolean
Functions
log sign sin cos
ln arg tan cot
exp
Plot
Programming
if for try line
while continue break
Symbols (α-ω)
Symbols (A-Ω)
Page 2 of 3 Ready
100%