


```
[ > restart;
```

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

--	--

▶ Handwriting

▼ Expression

 $a + b$ $a - b$ $a \cdot b$ $\frac{a}{b}$ a^b \sqrt{a} $\sqrt[n]{a}$ $a!$ $|a|$ e^a $\ln(a)$ $\log_{10}(a)$ $\log_b(a)$ $\sin(a)$ $\cos(a)$ $\tan(a)$ $\binom{a}{b}$ a_n a_n $f(a)$ $f(a, b)$ $f: a \rightarrow y$ $f: (a, b) \rightarrow z$ $f(x) \Big|_{x=a}$

$$\begin{cases} -x & x < a \\ x & x \geq a \end{cases} \sum_{i=k}^n f$$

$$\prod_{i=k}^n f \quad \frac{d}{dx} f \quad \int f dx$$

$$\int_a^b f dx$$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

```
[ > restart;
```

```
[ >
```

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

▶ Handwriting

▼ Expression

 $a + b \quad a - b \quad a \cdot b$
 $\frac{a}{b} \quad a^b \quad \sqrt{a}$
 $\sqrt[n]{a} \quad a! \quad |a|$
 $e^a \quad \ln(a)$
 $\log_{10}(a) \quad \log_b(a)$
 $\sin(a) \quad \cos(a)$
 $\tan(a) \quad \binom{a}{b} \quad a_n$
 $a_n \quad f(a)$
 $f(a, b) \quad f: a \rightarrow y$
 $f: (a, b) \rightarrow z$
 $f(x) \Big|_{x=a}$
 $\begin{cases} -x & x < a \\ x & x \geq a \end{cases} \quad \sum_{i=k}^n f$
 $\prod_{i=k}^n f \quad \frac{d}{dx} f \quad \int f dx$
 $\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

 $\text{A B } \Gamma \Delta \text{ E}$

► Favorites

► MapleCloud (Off)

▼ Variables

Variable	Value

∞

► Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

► Units (SI)

► Units (FPS)

► Common Symbols

► Matrix

► Components

▼ Greek

A B Γ Δ E

```
[ > restart;
[ > f:= x^2;
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

Α Β Γ Δ Ε

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4;
```

► Favorites

► MapleCloud (Off)

▼ Variables

Variable	Value

∞

► Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

► Units (SI)

► Units (FPS)

► Common Symbols

► Matrix

► Components

▼ Greek

A B Γ Δ E

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

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$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;

                                     f := x^2
                                     g := x^4
                                     h := x^3

[ >
```

Favorites
 MapleCloud (Off)
 Variables

Variable	Value

 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
 $\log_{10}(a)$ $\log_b(a)$
 $\sin(a)$ $\cos(a)$
 $\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n
 a_n $f(a)$
 $f(a, b)$ $f := a \rightarrow y$
 $f := (a, b) \rightarrow z$
 $f(x) \Big|_{x=a}$
 $\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$
 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
 $\int_a^b f dx$
 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
 Greek
 Λ B Γ Δ E

C Text
 Lucida Bright
 12
 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot();
```


Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

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$f := (a, b) \rightarrow z$

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$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;

                                     f := x^2
                                     g := x^4
                                     h := x^3

[ > plot();
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;

                                     f := x^2
                                     g := x^4
                                     h := x^3

[ > plot([f, ]);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;

                                     f := x^2
                                     g := x^4
                                     h := x^3

[ > plot([f, g, ]);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;

                                     f := x^2
                                     g := x^4
                                     h := x^3

[ > plot([f, g, h]);
```


Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot([f, g, h], x=0..2);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

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$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

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$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

Α Β Γ Δ Ε

Text Math Drawing Plot Animation

Text Lucida Bright 12 **B I U**

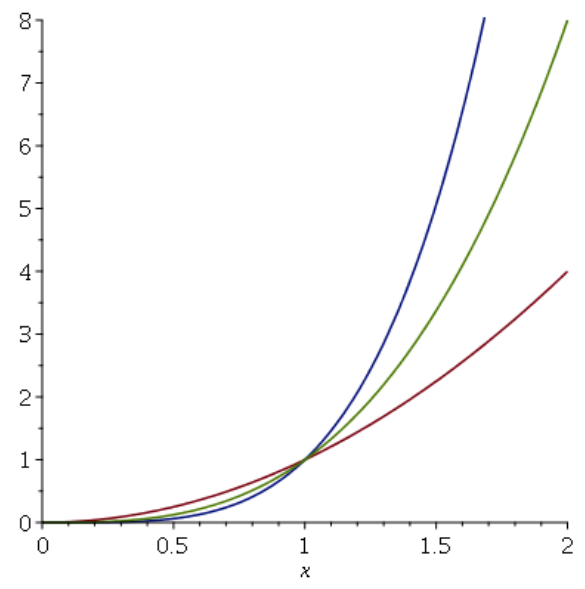
```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot([f, g, h], x=0..2);
```



```
[ >
```

Palettes Workbook

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

A B Γ Δ E

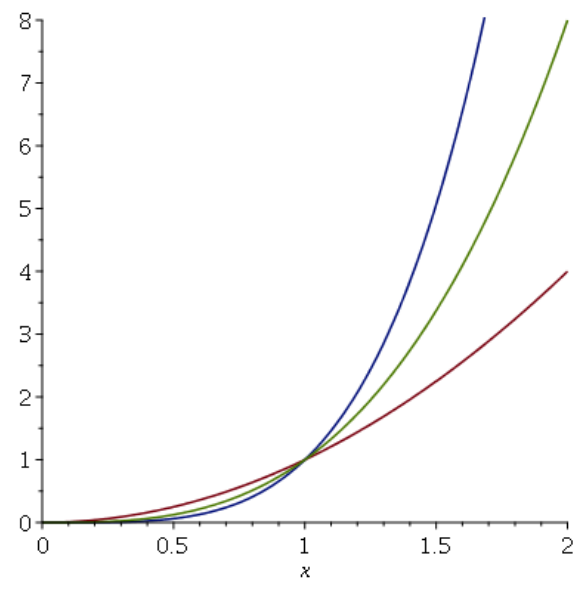
```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot([f, g, h], x=0..2);
```



```
[ > g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;
```


Palettes Workbook

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

A B Γ Δ E

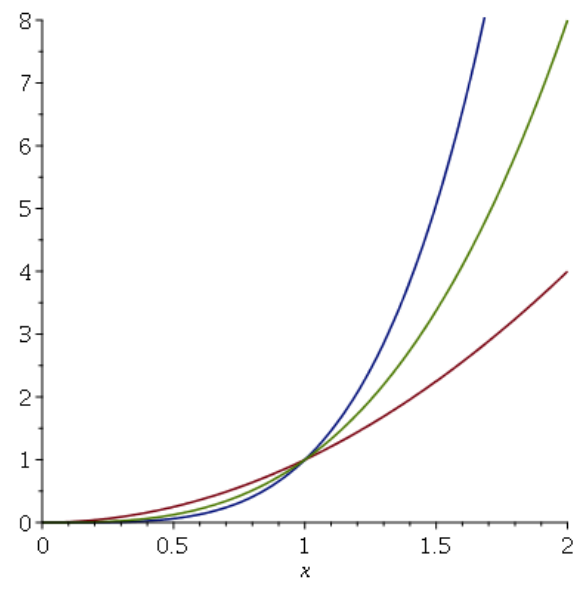
```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot([f, g, h], x=0..2);
```



```
[ > g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;
```

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

```
[ >
```

Palettes Workbook

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

A B Γ Δ E

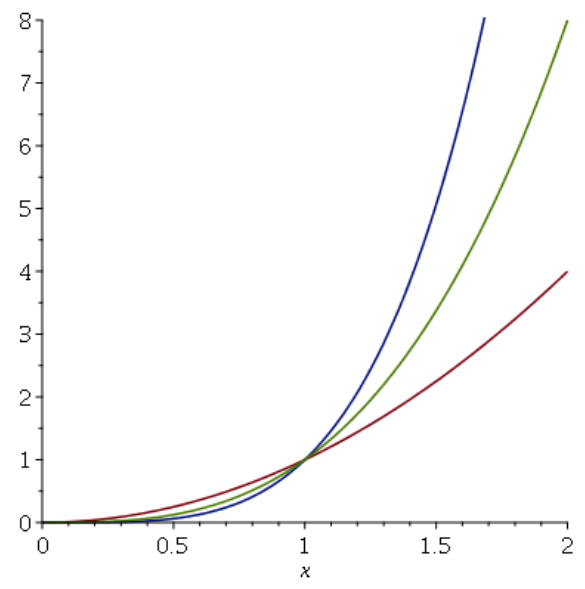
```
[ > restart;
[ > f:= x^2; g:=x^4; h:= x^3;
```

$$f := x^2$$

$$g := x^4$$

$$h := x^3$$

```
[ > plot([f, g, h], x=0..2);
```



```
[ > g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;
```

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

```
[ > with(plots);
```

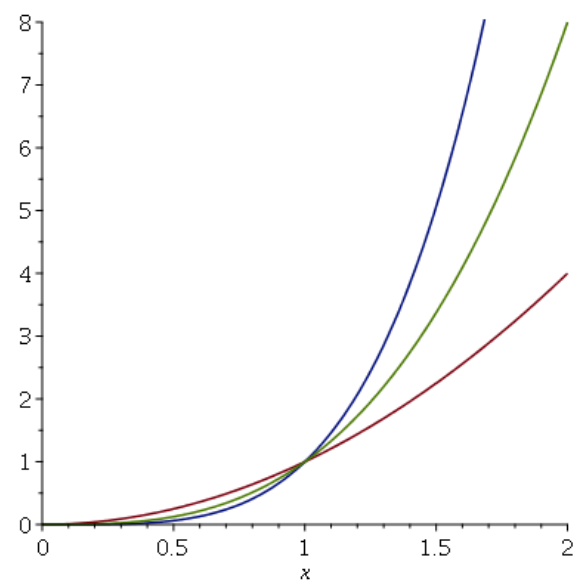
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

[> plot([f, g, h], x=0..2);



[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[>

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

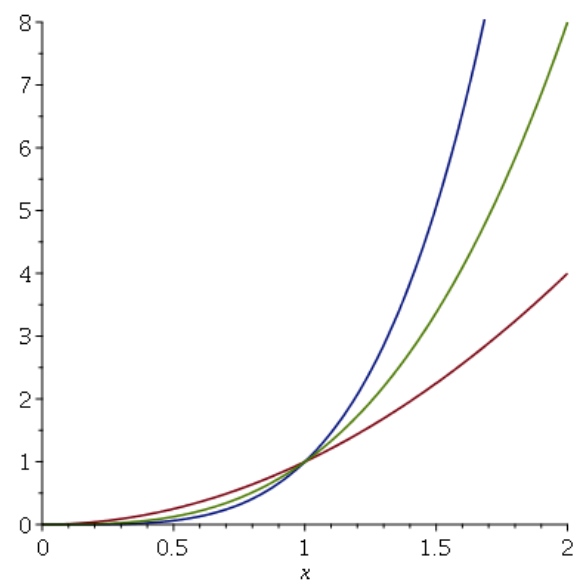
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

[> plot([f, g, h], x=0..2);



[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> implicitplot();

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

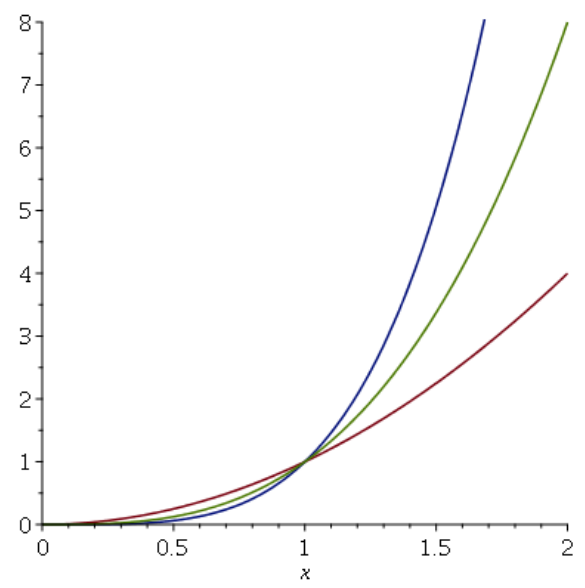
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

[> plot([f, g, h], x=0..2);



[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> implicitplot(g,);

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\binom{a}{b}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases} \sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

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Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> plot([f, g, h], x=0..2);

[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> implicitplot(g, x = -10..10,);

Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
 $\log_{10}(a)$ $\log_b(a)$
 $\sin(a)$ $\cos(a)$
 $\tan(a)$ $\binom{a}{b}$ a_n
 a_n $f(a)$
 $f(a, b)$ $f := a \rightarrow y$
 $f := (a, b) \rightarrow z$
 $f(x) \Big|_{x=a}$
 $\begin{cases} -x & x < a \\ x & x \geq a \end{cases} \sum_{i=k}^n f$
 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
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 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
 Greek
 A B Γ Δ E

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

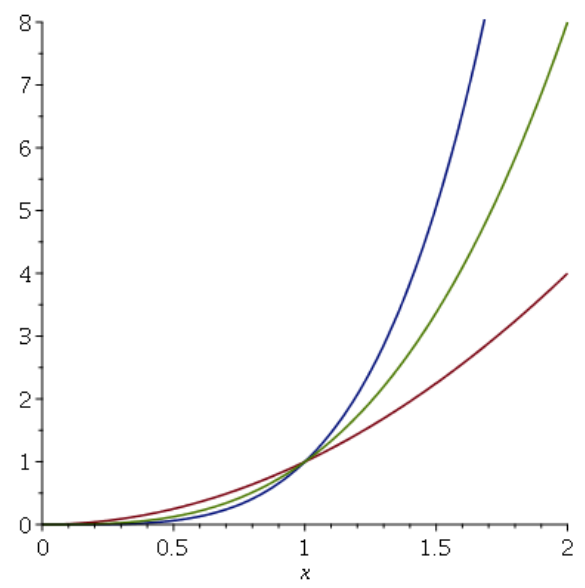
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> plot([f, g, h], x=0..2);



[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> implicitplot(g, x = -10..10, y = -10..10,);

Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
 $\log_{10}(a)$ $\log_b(a)$
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 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
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Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

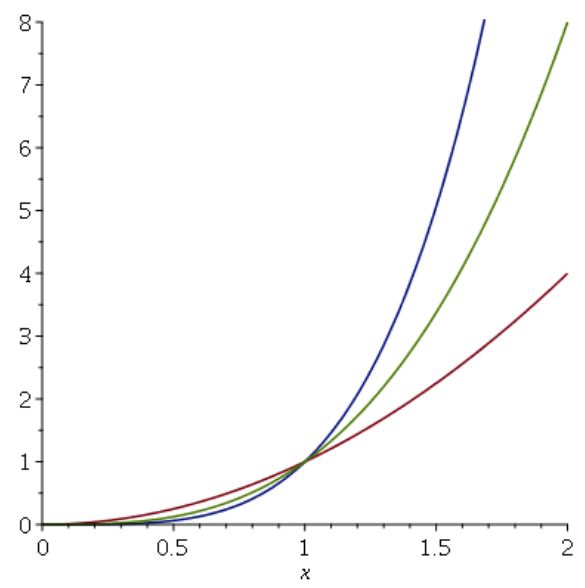
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> plot([f, g, h], x=0..2);



[> g:= 9*x^2 + 25*y^2 - 18*x - 100*y - 116 = 0;

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> with(plots);

[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);

Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
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 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
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 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
 Greek
 A B Γ Δ E

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> $g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0;$

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> **with(plots);**

animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> **implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);**

[>

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

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$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

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File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> $g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0;$

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> **with(plots);**

animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> **implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);**

[> **x := 2*cos(t);**

Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
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 Units (SI)
 Units (FPS)
 Common Symbols
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File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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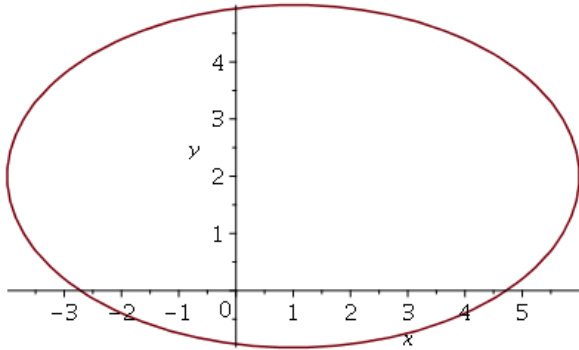
[> $g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0;$

$$g := 9x^2 + 25y^2 - 18x - 100y - 116 = 0$$

[> **with(plots);**

animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

[> **implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);**



[> $x := 2*\cos(t); y := 2*\sin(t);$

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

a_n $f(a)$

$f(a, b)$ $f: a \rightarrow y$

$f: (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

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Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
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 $\sin(a)$ $\cos(a)$
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 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
 $\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

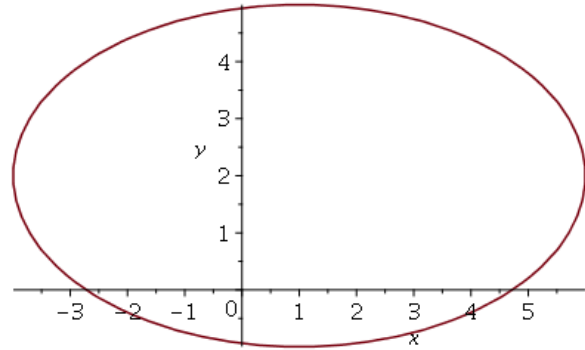
Components

Greek

A B Γ Δ E

```
[ > with(plots);
[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal,
conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot,
fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive,
interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d,
loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d,
polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ >
```

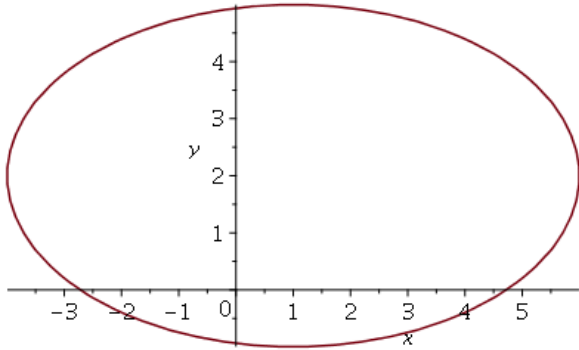
File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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[> with(plots);
 [animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]
 [> implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);



[> x:= 2*cos(t); y:= 2*sin(t);
 $x := 2 \cos(t)$
 $y := 2 \sin(t)$

[> plot();

Palettes Workbook
 Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
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 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
 $\int_a^b f dx$
 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
 Greek
 A B Γ Δ E

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

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▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

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$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

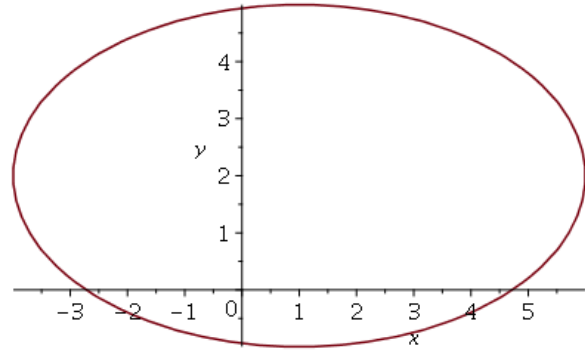
▶ Components

▼ Greek

A B Γ Δ E

```
[ > with(plots);
[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal,
conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot,
fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive,
interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d,
loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d,
polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([],);
```

Palettes Workbook

Text Math Drawing Plot Animation

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Hide

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
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Units (SI)

Units (FPS)

Common Symbols

Matrix

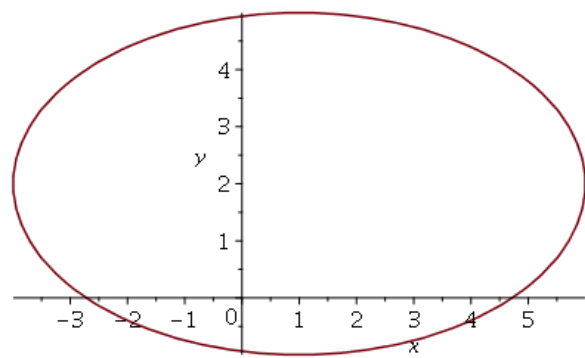
Components

Greek

A B Γ Δ E

```
[ > with(plots);
[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal,
conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot,
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polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, ],);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

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▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

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$f(a, b)$ $f := a \rightarrow y$

$f := (a, b) \rightarrow z$

$f(x) \Big|_{x=a}$

$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

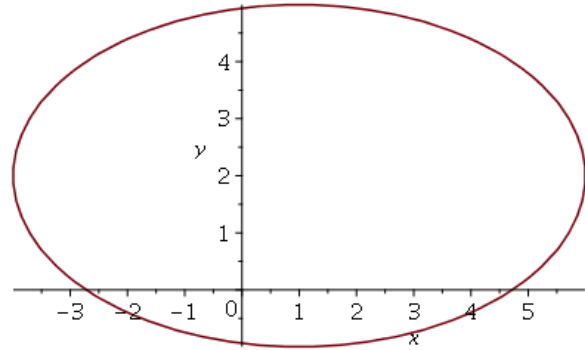
▶ Components

▼ Greek

A B Γ Δ E

```
[ > with(plots);
[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal,
conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot,
fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive,
interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d,
loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d,
polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, ],);
```


Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⌵

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

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▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

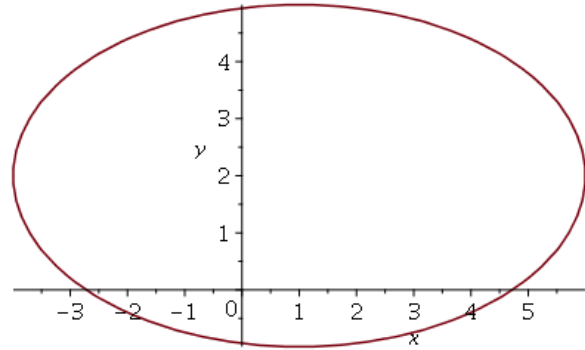
▶ Components

▼ Greek

A B Γ Δ E

```
[ > with(plots);
[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal,
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fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive,
interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d,
loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d,
polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t =],);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⏏

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

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$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

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▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

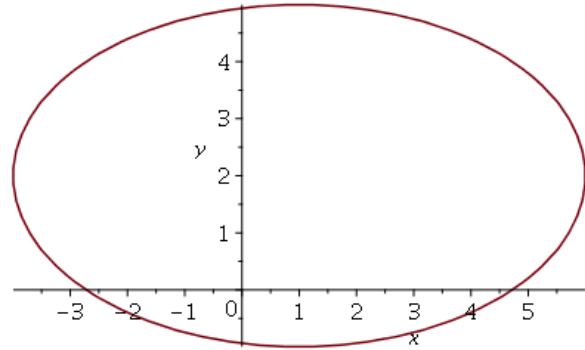
▶ Components

▼ Greek

A B Γ Δ E

```
[ > with(plots);
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conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot,
fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive,
interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d,
loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d,
polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata,
textplot, textplot3d, tubeplot]
```

```
[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t = 0 ..2*Pi],);
```

File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

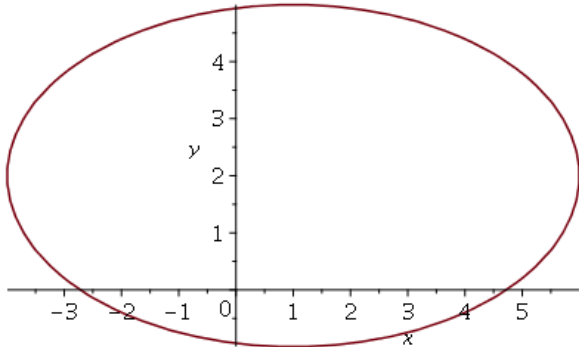
Text Math Drawing Plot Animation

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Hide

> with(plots);
 [animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

> implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);



> x:= 2*cos(t); y:= 2*sin(t);

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

> plot([x, y, t = 0 ..2*Pi], scaling =);

Palettes Workbook
 Favorites
 MapleCloud (Off)
 Variables
 Variable Value
 Handwriting
 Expression
 $a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
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 $\int_a^b f dx$
 Units (SI)
 Units (FPS)
 Common Symbols
 Matrix
 Components
 Greek
 A B Γ Δ E

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

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▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

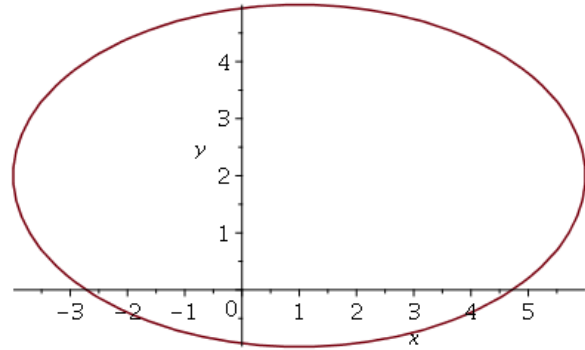
Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

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```
[ > with(plots);
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polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot,
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[ > implicitplot(g, x = -10..10, y = -10..10, scaling = constrained);
```



```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t = 0 ..2*Pi], scaling = constrained);
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

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▶ Handwriting

▼ Expression

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$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

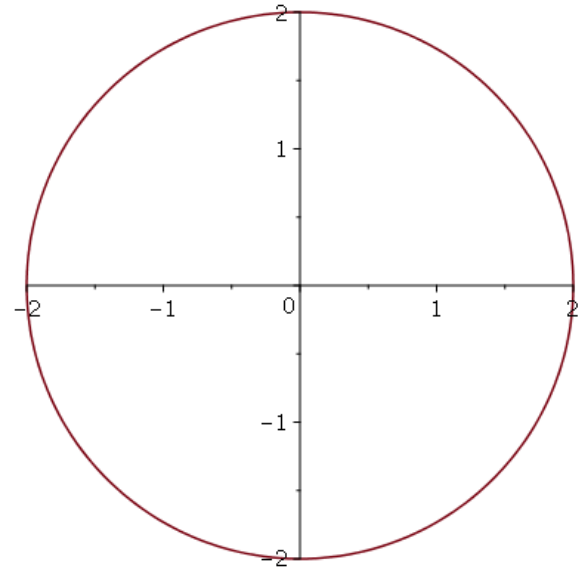
C Text Lucida Bright 12 B I U

```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t = 0 ..2*Pi], scaling = constrained);
```



```
[ >
```

Palettes Workbook

► Favorites

► MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⌵

► Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

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$\int_a^b f dx$

► Units (SI)

► Units (FPS)

► Common Symbols

► Matrix

► Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

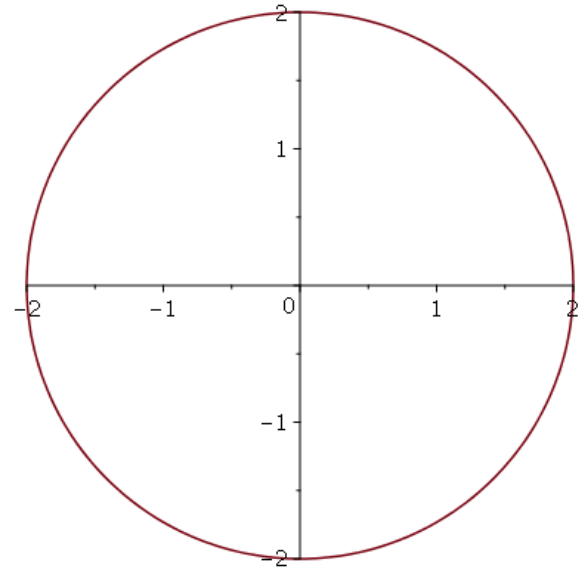
C Text Lucida Bright 12 B I U

```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t = 0 ..2*Pi], scaling = constrained);
```



```
[ > h:= x^2 + y^2;
```

Palettes Workbook

► Favorites

► MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⌵

► Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

$\sin(a)$ $\cos(a)$

$\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n

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$\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$

$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

► Units (SI)

► Units (FPS)

► Common Symbols

► Matrix

► Components

▼ Greek

A B Γ Δ E

Text Math Drawing Plot Animation

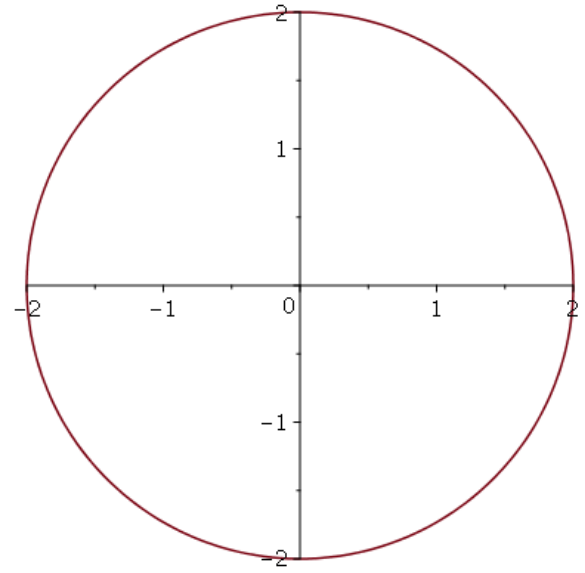
Text Lucida Bright 12 B I U

```
[ > x:= 2*cos(t); y:= 2*sin(t);
```

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

```
[ > plot([x, y, t = 0 ..2*Pi], scaling = constrained);
```



```
[ > h:= x^2 + y^2;
```

$$h := x^2 + y^2 \tag{5}$$

```
[ >
```

File Edit View Insert Format Table Drawing Plot Tools Window Help

Start.mw x *Untitled (6) x

Text Math Drawing Plot Animation

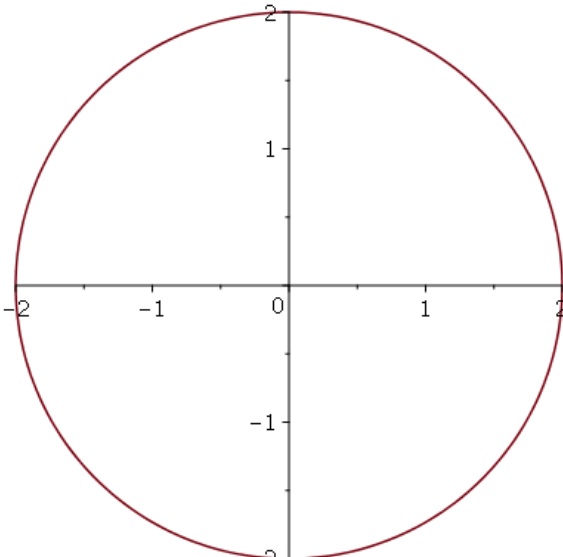
Text Lucida Bright 12 B I U

[> x:= 2*cos(t); y:= 2*sin(t);

$$x := 2 \cos(t)$$

$$y := 2 \sin(t)$$

[> plot([x, y, t = 0 ..2*Pi], scaling = constrained);



[> h:= x^2 + y^2;

$$h := x^2 + y^2 \tag{5}$$

vykreslení 3D plochy kliknutím pravým tlačítkem myši - > Plots - > 3-D Plot - > x, y

Ready Maple Default Profile /home/bobek Memory: 4.18M Time: 0.04s Zoom: 100% Text Mode

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
 $\log_{10}(a)$ $\log_b(a)$
 $\sin(a)$ $\cos(a)$
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 $f: (a, b) \rightarrow z$
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Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

Greek

A B Γ Δ E

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⏏

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

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$\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

▼ Greek

A B Γ Δ E

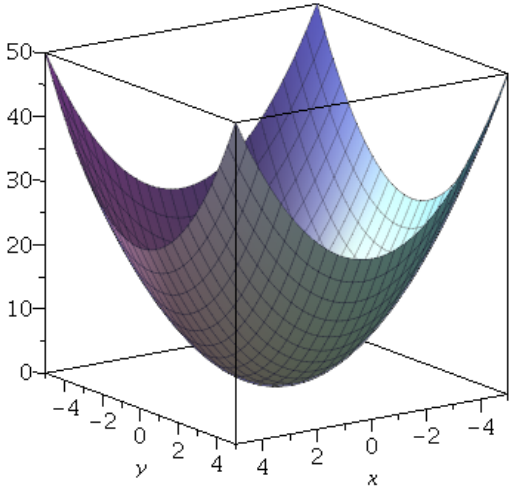
Text Math Drawing Plot Animation

C Text Lucida Bright 12 B I U

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



[>

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⏏

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

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$\prod_{i=k}^n f \frac{d}{dx} f \int f dx$

$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

▶ Common Symbols

▶ Matrix

▶ Components

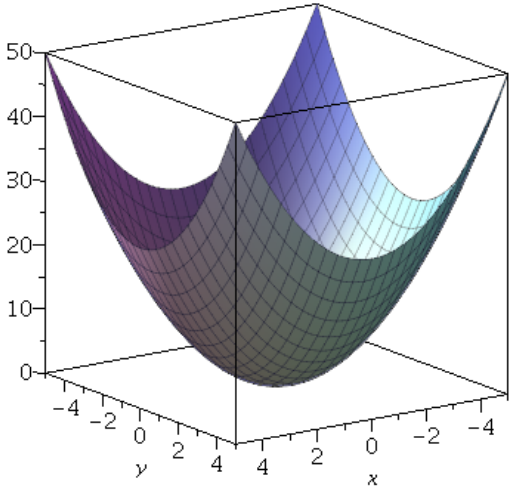
▼ Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d();
```

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
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Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

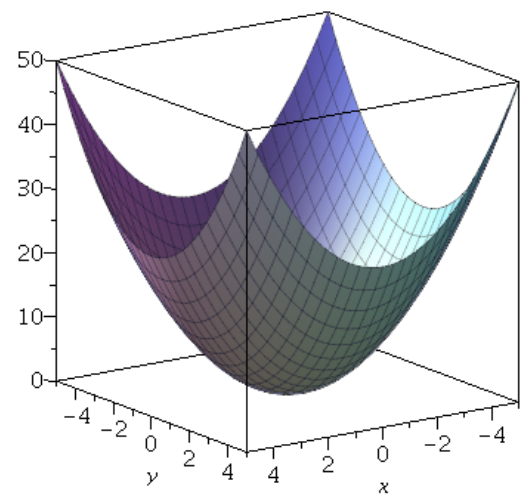
Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d(h, );
```

Palettes Workbook

▶ Favorites

▶ MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⏏

▶ Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

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$\int_a^b f dx$

▶ Units (SI)

▶ Units (FPS)

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▶ Matrix

▶ Components

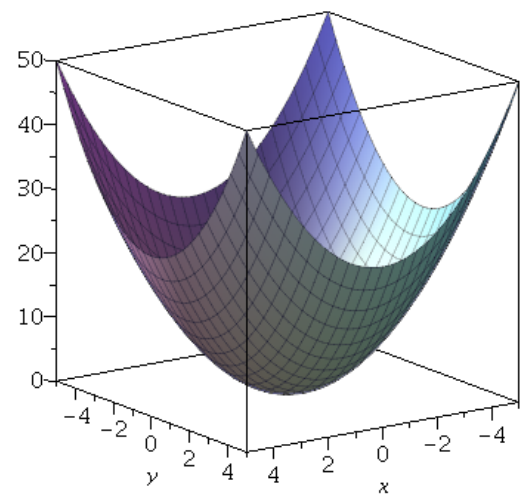
▼ Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d(h, x= );
```

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

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Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
 $\log_{10}(a)$ $\log_b(a)$
 $\sin(a)$ $\cos(a)$
 $\tan(a)$ $\begin{pmatrix} a \\ b \end{pmatrix}$ a_n
 a_n $f(a)$
 $f(a, b)$ $f := a \rightarrow y$
 $f := (a, b) \rightarrow z$
 $f(x) \Big|_{x=a}$
 $\begin{cases} -x & x < a \\ x & x \geq a \end{cases}$ $\sum_{i=k}^n f$
 $\prod_{i=k}^n f$ $\frac{d}{dx} f$ $\int f dx$
 $\int_a^b f dx$

Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

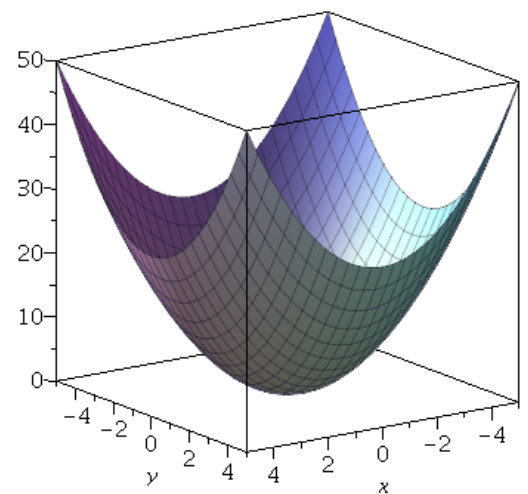
Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d(h, x= -1..5, );
```

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
 $\frac{a}{b}$ a^b \sqrt{a}
 $\sqrt[n]{a}$ $a!$ $|a|$
 e^a $\ln(a)$
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Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

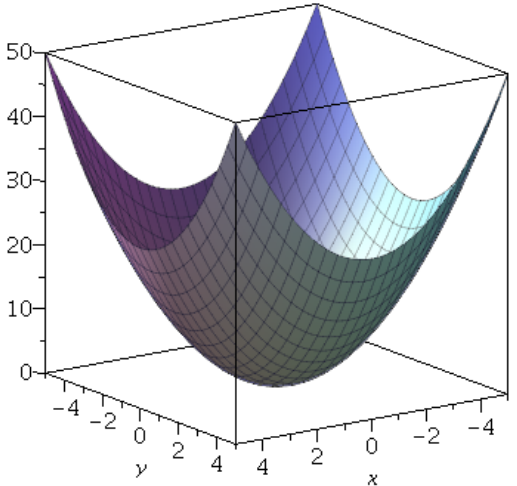
Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d(h, x= -1..5, y= );
```

Palettes Workbook

Favorites

MapleCloud (Off)

Variables

Variable	Value

Handwriting

Expression

$a + b$ $a - b$ $a \cdot b$
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Units (SI)

Units (FPS)

Common Symbols

Matrix

Components

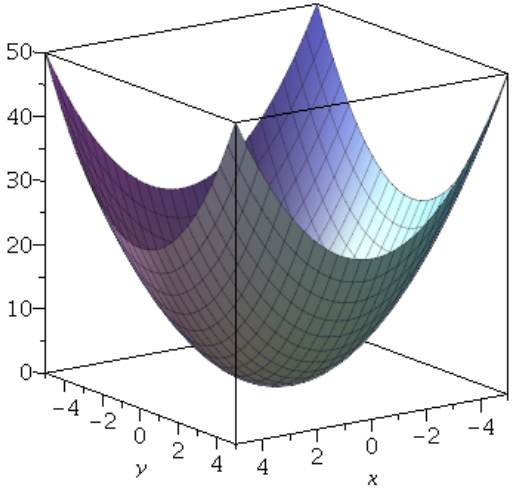
Greek

A B Γ Δ E

```
[ > h:= x^2 + y^2;
                                h := x^2 + y^2 (5)
```

vykreslení 3D plochy kliknutím pravým tlačítkem myši -> Plots -> 3-D Plot -> x, y

```
[ > smartplot3d[x, y]( (5) );
```



```
[ > plot3d(h, x= -1..5, y= -2..8);
```

Palettes Workbook

► Favorites

► MapleCloud (Off)

▼ Variables

Variable	Value

∞ 🔍 ⌵

► Handwriting

▼ Expression

$a + b$ $a - b$ $a \cdot b$

$\frac{a}{b}$ a^b \sqrt{a}

$\sqrt[n]{a}$ $a!$ $|a|$

e^a $\ln(a)$

$\log_{10}(a)$ $\log_b(a)$

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a_n $f(a)$

$f(a, b)$ $f := a \rightarrow y$

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$\int_a^b f dx$

► Units (SI)

► Units (FPS)

► Common Symbols

► Matrix

► Components

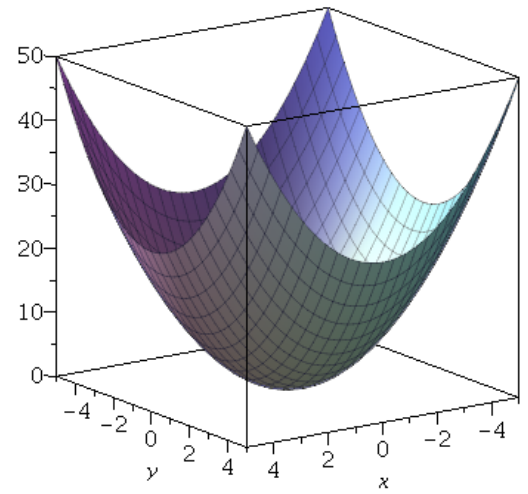
▼ Greek

A B Γ Δ E

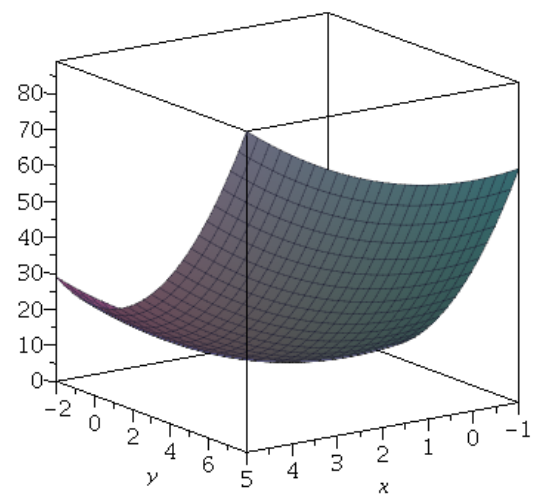
Text Math Drawing Plot Animation

Text Lucida Bright 12 B I U

[> smartplot3d[x, y]((5));



[> plot3d(h, x= -1..5, y= -2..8);



[>