

Introduction to *Mathematica*: Graphics

I. Class Materials

1. Download Graphics.tar

On Athena:

Copy the archive file from the locker **acmath** to a local working directory.

```
athena% add acmath  
athena% cp /mit/acmath/math/IntroMathematica/Graphics.tar .
```

Alternatively, from a web browser:

Download the archive file from <http://web.mit.edu/acmath/math/IntroMathematica>.

2. Extract this session's directory and files

On Athena:

```
tar -xvf Graphics.tar
```

Your local work directory should now contain the following directories and files:

Graphics

```
Graphics.nb  
ExercisesGraphics.nb  
sound_examples.nb  
animation_examples.nb  
XYZpoints.txt  
bostonandcities.JPG
```

II. Start *Mathematica*

On Athena:

Launch *Mathematica* from the **Graphics** directory:

```
athena% cd Graphics  
athena% add math  
athena% mathematica &
```

III. Open this session's files in *Mathematica*

Open the notebook file `Graphics.nb` at the beginning of class. When the exercises start, open also the file `ExercisesGraphics.nb`. All other instructions are in the notebooks.