TI-Nspire™ Software Script

Drawing basic shapes (Tutorial B4)

http://www.atomiclearning.com/k12/en/movie/86406/play_window?type=Tutorial&sid=2421

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To draw a basic shape, insert the Geometry application
into a new blank work area by clicking Insert and choosing

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Geometry. Next, on the left side under Document Tools, click
Shapes, and choose the appropriate shape. In this case,

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I'd like to draw a circle, so I'll select the Circle tool.
Now, I'll move my pointer into the graph, where it will

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change to a pencil icon. I'll put the point of my pencil
wherever I would like the center of my circle to be, then,

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I'll click that point. Next, I'll move the pointer away
from the center of the circle until I get the desired radius,

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and then I'll click again to create a circle. If I decide
that I want to move the circle to a different area of the

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graph, I can just roll over the center of the circle and
click and drag it to a different area. To resize this existing

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circle, I can roll over any point on the circumference
of the circle, and click and drag it to resize it. I can

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also create a circle with a set radius. I'll create another
circle, by putting the point of my pencil wherever I want

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the center of my circle to be, and then click. Next, I'll
type a number for the radius. I'll type 3, and then press

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Enter. And my circle is created. You can change the fill
color of a closed shape by just rolling over the border

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of the shape and then right-clicking to bring up a contextual
menu, then choosing color, fill color. Next I can roll

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over the color squares, and choose a color for the fill.
Then I'll click on it to select it. It can sometimes be

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helpful to quickly undo an action. In this case, I want
to undo the circle fill, I can click the Undo button on

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the Tool bar, and the fill action has been undone. I can
create more complicated shapes using similar techniques.

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In this case, I'd like to draw a regular hexagon, so I'll
click on Shapes, and this time choose "Regular Polygon.

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Just as before, I'll place the point of my pencil icon
wherever I would like the center of my shape to be, and

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then click. Now, I'll move out to where I'd like one of
the points of the hexagon to be, and click again. Notice

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right now this is a regular polygon with 16 sides. To reduce
the number of sides down to six, I'll move the pointer

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clockwise around the shape until there are only six sides
remaining, and then I'll click again to create my regular

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hexagon.

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