CORNELL NOTES – COLONY HIGH SCHOOL

	Topic/Objective: ***Adobe Illustrator Lesson 3 (Working with Shapes)***	*Name:* *Class/Period:* *Date:*

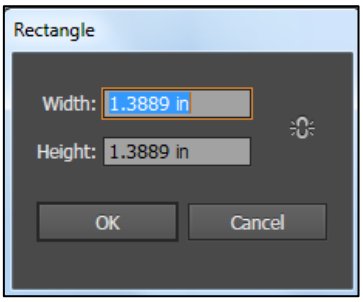
Essential Question:

What tools can we use to create basic shapes as well as custom shapes in Adobe Illustrator?

Questions:	*Notes/Answers/Definitions/Examples/Sentences:*

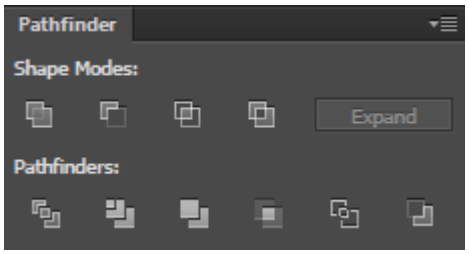
Setting Up Your Workspace & SmartGuides

1. Showing Gridlines
   a. Why? → **Helps measure, draw, and align objects**
   b. Commands: **View > Show Grid**
2. Snapping Objects to Gridlines
   a. Commands: **View > Snap to Grid**
3. SmartGuides
   a. **Temporary snap to guides** that appear when objects are edited
   b. Will also show info such as: **object width/height, angle, etc.**
   c. Commands: View > SmartGuides



Working with Shapes

1. Ways to Draw Shapes
   a. Choose the Tool. Then either:
      i. **Single-Click with Mouse** anywhere on artboard OR
      ii. **Click and drag with mouse** (see chart on back side for shortcuts)
2. Working with Objects "Live"
   a. After drawing an object, typically you cannot transform them right away (such as **scale, rotate, move, etc.)**
   b. You can transform "live" by always showing the **bounding box** around the object before adding the object
      i. Commands: **View > Showing Bounding Box**
3. Combining Shapes
   a. Save yourself time in drawing a shape needed in your drawing by combining/subtracting parts of a shape
   b. Use **Pathfinder** Panel (Window > Pathfinder)
   c. Pathfinder Effects vs. Shape Modes
      i. Shape Modes →**creates a compound shape rather than a path**
      ii. Pathfinder Effects → **Original objects selected are permanently transformed**



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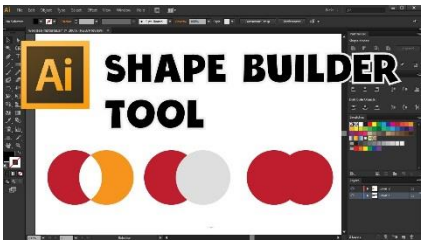
Questions:	*Notes/Answers/Definitions/Examples/Sentences:*
	Or…You Could Just Use the Shape Builder Tool Instead! 1. **Combines, fills, and edits shapes on your artboard** 2. Using This Tool: a. Paths you want to use must be **selected** b. Place mouse over areas to highlight i. Plus Sign on mouse cursor = **merge mode** ii. Minus Sign on mouse cursor (Hold **ALT**) = **trims objects**  **Other Stuff You Should Know** 1. Tilde ~ Key Trick a. To get multiple objects at once → **hold down this key while creating your shape** 2. **Eraser** Tool a. Let's you erase any of your artwork, regardless of the structure b. Ways to Use i. Use like a **"paint brush"** → click and drag mouse to erase ii. To get rid of large portions → **ALT** + click and drag to form marquee

Tool	Name of Tool	Keyboard Shortcut(s)…	…Which Does This
	Rectangle	SHIFT + Drag Mouse Drag Mouse + Space Bar	• Draws Square (all sides equal) • Reposition Shape
	Rounded Rectangle	SHIFT + Drag Mouse Drag Mouse + Space Bar Drag Mouse + Up/Down Arrows	• Draws Square (all sides equal) • Reposition Shape • Change Roundness of Corners
	Ellipse	SHIFT + Drag Mouse Drag Mouse + Space Bar ALT + Drag Mouse	• Draws Evenly Shaped Circle • Reposition Shape • Draw Circle from Center Radius
	Polygon	SHIFT +Drag Mouse Drag Mouse + Space Bar Drag Mouse + Up/Down Arrows	• Draws Evenly Shape Polygon • Reposition Shape • Changes # of Sides
	Star	SHIFT +Drag Mouse Drag Mouse + Space Bar Drag Mouse + Up/Down Arrows CTRL + Drag Mouse	• Draws Evenly Shape Polygon • Reposition Shape • Changes # of Sides • Creates Longer/Shorter Arms
	Flare	SHIFT + Drag Mouse CTRL + Drag Mouse Drag Mouse + Space Bar Drag Mouse + Up/Down Arrows	• Reposition Shape • Change Size of "Halo" • Reposition Flare • Changes # of "Flares"