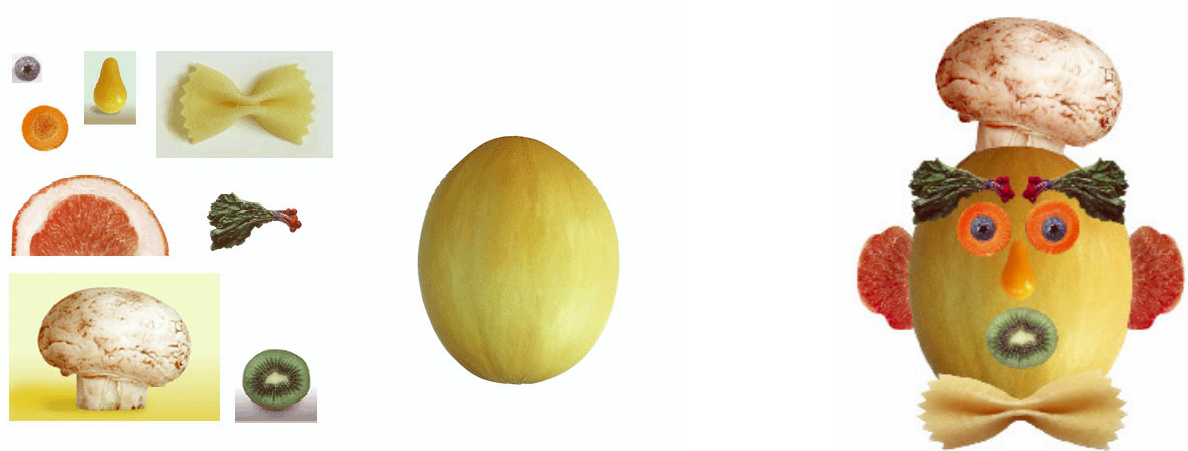


# ADOBE PHOTOSHOP

## LESSON 1 : WORKING WITH SELECTIONS



source image



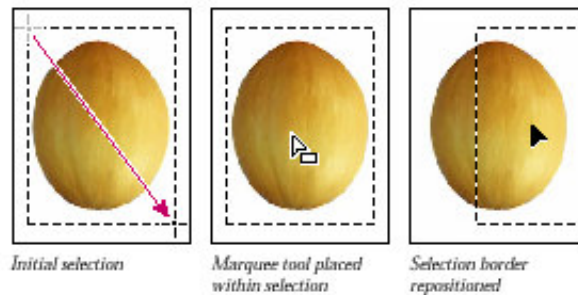
target image

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### EXERCISE 1.1 : SELECTING WITH RECTANGULAR MARQUEE

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1. Open the file **Start01.psd**. Choose **File > Save As** and save the file as **Work01.psd**.
2. Click the **rectangular marquee tool** in the **Tool** palette. Drag it from the top left to the bottom right corner of the melon to create a rectangular selection around it. You can move a selection border after you have created it by positioning the marquee tool within the selection and dragging. Notice this changes the location of the selection border, it does not affect the size or shape of the selection.
3. Deselect the selection by either choosing **Select > Deselect** or by clicking anywhere outside the selection border. Reselect the melon using the rectangular marquee tool.



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### EXERCISE 1.2 : SELECTING WITH ELLIPTICAL MARQUEE

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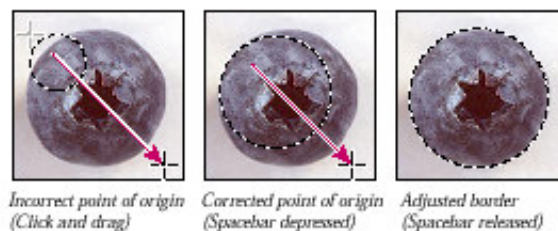
1. Select the **Zoom** tool and click twice on the blueberry to zoom to a 300% view.
2. Hold down the mouse button on the rectangular marquee tool and drag downward to select the **Elliptical marquee** tool.
3. Move the pointer over the blueberry and drag it diagonally from the top left to the bottom right edge of the blueberry to create a selection. Do not release the mouse button.

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### EXERCISE 1.3 : REPOSITIONING A SELECTION BORDER

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1. Still holding the mouse button hold down the **spacebar** and drag. The border moves as you drag.
2. Release the spacebar (but not the mouse button) and drag again. Notice that when you drag without the spacebar the size and shape of the selection changes, but its point of origin does not.
3. When the selection border is positioned and sized correctly, release the mouse button. Even after that you can still position the selection border by placing the pointer inside the border and dragging.



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### EXERCISE 1.4 : SELECTING FROM A CENTER POINT

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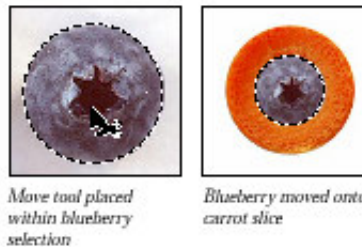
1. Sometimes it is easier to make selections by starting from the center point of the object to the outside edge. Choose **Select > Deselect** to discard the selection.
2. Position the mouse pointer approximately on the center of the blueberry. Press **ALT** and start dragging towards the outer edge. Notice the selection is centered over its starting point.
3. When you have the entire blueberry selected, release first the mouse button and then the ALT key. If necessary adjust the selection border using one of the methods you learned earlier.

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### EXERCISE 1.5 : MOVING A SELECTION

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1. Make sure the blueberry is selected. Then select the **Move** tool and position the pointer within the blueberry's selection. The pointer becomes an arrow with a pair of scissors.
2. Drag the blueberry onto the carrot slice.
3. Choose **Select > Deselect**. Choose **File > Save**.

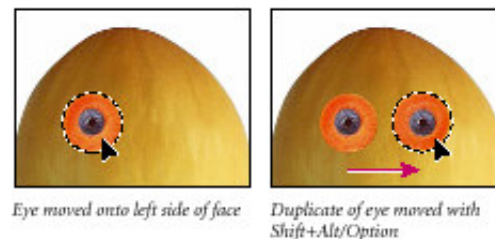


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### EXERCISE 1.6 : DUPLICATING A SELECTION

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1. Choose **View > Actual Pixels** to resize the document to 100%. Select the **elliptical marquee tool**.
2. Drag a selection around the carrot slice containing the blueberry. If necessary adjust the selection border using one of the methods you learned earlier.
3. Select the **Move** tool, then hold down ALT, and position the pointer within the selection. The pointer becomes a double arrow which indicates a duplicate will be made when you move the selection.
4. Continue holding down ALT and drag a duplicate of the eye onto the left side of the melon face. Release the mouse button and ALT but do not deselect the eye.
5. Hold down SHIFT+ALT and drag a copy of the eye to the right side of the face. Holding down SHIFT when you move a selection constrains the movement horizontally or vertically. This makes the two eyes level.
6. Choose **File > Save**.



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### EXERCISE 1.7 : MOVING WITH ARROW KEYS

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1. Using the **Elliptical Marquee** drag a selection around the kiwi fruit. Now selecting the **Move** tool drag the selection onto the melon face at the position of the mouth. Do not deselect.
2. You can make minor adjustments to the position of a selection using the arrow keys, which allow you to nudge the selection 1 pixel or 10 pixels at a time. Press the arrow keys a few time to move the mouth sideways or vertically. Each time the arrow key is pressed the mouth moves in 1-pixel increments.
3. Now hold down SHIFT and press an arrow key. Notice that the selection moves in 10-pixel increments.
4. Once the mouth is positioned where you want choose **File > Save**.

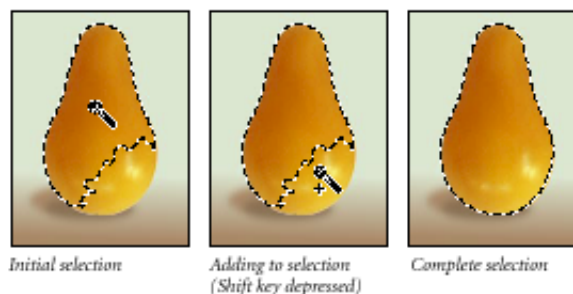


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### EXERCISE 1.8 : SELECTING WITH THE MAGIC WAND

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1. In the **Tool** palette select the **Magic Wand** tool. In the **Options Bar** specify the **Tolerance** value as 50.
2. Click the magic wand tool anywhere within the pear. Most of it will be selected. To select the remaining portions, hold down the SHIFT and click the unselected areas. Notice that a plus sign appears with the **Magic Wand** pointer indicating that you are adding to the current selection.
3. When the pear is completely selected, using the **Move** tool drag the selected area to the melon face at the position of the nose.
4. Choose **Select > Deselect**. Choose **File > Save**.

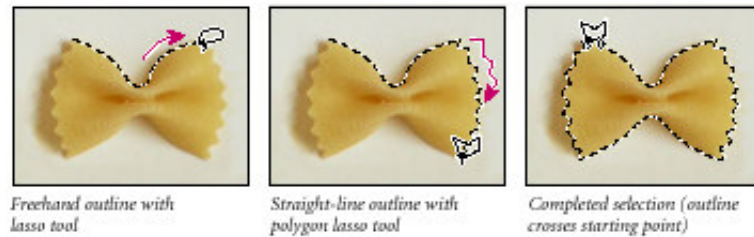


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### EXERCISE 1.9 : SELECTING WITH THE LASSO

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1. Using the **Zoom** tool, click twice on the bow tie pasta to enlarge its view to 300%.
2. Select the **Lasso** tool. Starting at the top left corner of the bow-tie pasta, drag to the right to create a freehand outline of the curves at the top of the bow-tie. Continue holding down the mouse.
3. To select the right side of the bow tie, hold down the ALT, release the mouse button. The **Lasso** tool changes to the **Polygonal Lasso** tool. Begin outlining with short straight lines by clicking along the edge. When you reach the bottom right corner of the bow tie, do not release the mouse button.
4. Release ALT and drag to the left to create a freehand outline across the bottom of the bow tie. The pointer reverts back to the **Lasso** icon.
5. Hold down ALT again, and click the mouse button along the left edge of the bow tie to draw straight lines.
6. To complete the selection make sure that the last straight line crosses the starts of the selection, release ALT and then release the mouse button.
7. Using the **Move** tool drag the bow tie to the bottom of the melon face. Choose **File > Save**.

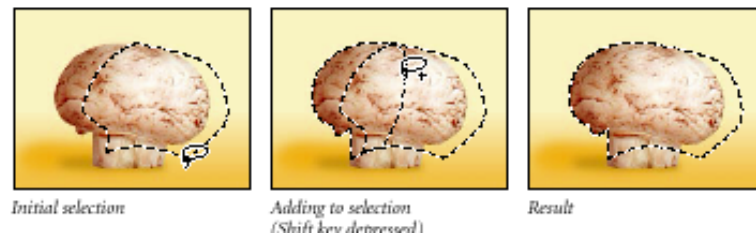


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### EXERCISE 1.10 : ADDING AND SUBTRACTING SELECTIONS

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1. Select the **Zoom** tool and click twice on the mushroom to enlarge its view to 300%.
2. Select the **Lasso** tool and drag a rough outline around the mushroom (include some of the area outside the mushroom and some from the stem).
3. Hold down **SHIFT**. A plus sign appears with the **Lasso** tool pointer. Drag the **Lasso** pointer around an area you want to add to the selection; then release the mouse button. The area is added to the current selection.
4. Hold down **ALT**. A minus sign appears with **Lasso** tool pointer. Drag the **Lasso** tool around an area you want to remove from the selection; then repeat the process until you have finished removing all the unwanted parts of the selection.
5. Using the **Move** tool drag a the selection to the top of the melon head.
6. Choose **File > Save**.

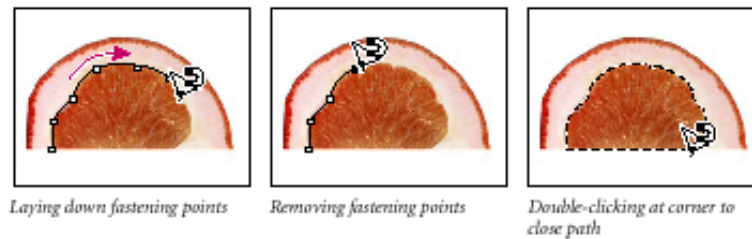


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### EXERCISE 1.11 : SELECTING WITH THE MAGNETIC LASSO

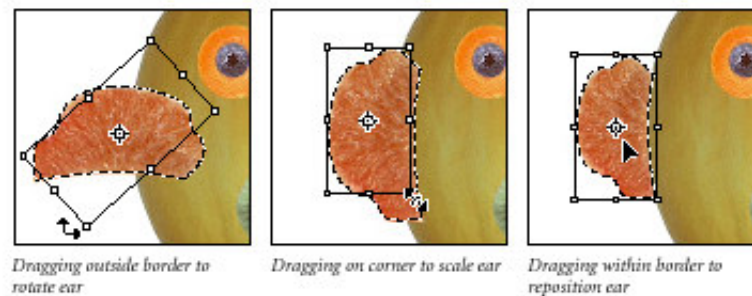
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1. Select the **Zoom** tool and click the grapefruit slice to zoom in to a 200% view.
2. Hold down the mouse button on the **Lasso** tool and drag down to select the **Magnetic Lasso** tool.
3. Now click once at the lower left corner of the red flesh of the grapefruit slice, release the mouse button, and begin tracing the outline of the flesh by dragging to the right over the curved upper edge. Notice that the tool snaps to the edge and automatically puts in fastening points.
4. You can add your own anchor points by clicking the mouse button or delete anchor points by pressing **DEL**.
5. When you reach the lower right corner of the grapefruit flesh, double-click the mouse button to join the ending point with the starting point by a straight line.
6. Using the **Move** tool, drag the grapefruit slice to the middle of the left side of the melon face. Do not deselect.
7. Choose **File > Save**.



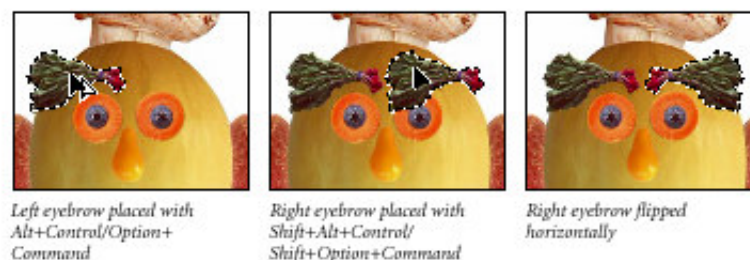
## EXERCISE 1.12 : TRANSFORMING A SELECTION

1. Choose **Edit > Free Transform**. A bounding box appears around the grapefruit selection.
2. Position the pointer outside a corner handle until you see a double-headed arrow, and then drag in the anti-clockwise direction by 90 degrees. The selection now resembles the ear of the face.
3. To scale the ear position the pointer directly on one of the corner handles and drag to reduce the size of the ear. To scale it proportionally hold down SHIFT as you drag.
4. To reposition the ear place your pointer within the bounding box but not at the center point, and drag. When you have the ear positioned correctly, press ENTER to apply the transformation.
5. Position the pointer within the ear selection, hold down SHIFT+ALT and drag a copy of the ear to the right side of the face. Choose **Edit > Transform > Flip Horizontal**.
6. If necessary place the pointer within the selection and drag to position it next to the melon face.
7. Choose **File > Save**.



## EXERCISE 1.13 : COMBINING SELECTION TOOLS

1. Using the rectangular marquee tool draw a selection boundary around the radish.
2. Click the **Magic Wand** tool in the toolbox; then hold down ALT. A minus sign appears with the **Magic Wand** pointer. Click anywhere in the white area surrounding the radish. Now only the radish is selected.
3. Hold down CTRL+ALT and drag the radish above the left eye on the melon face. Do not deselect.
4. Hold down SHIFT+CTRL+ALT, position the pointer within the selection and drag to duplicate and reposition another eyebrow above the right eye.
5. Choose **Edit > Transform > Flip Horizontal** to adjust the right eyebrow.
6. Choose **File > Save**.



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### EXERCISE 1.14 : CROPPING THE COMPLETED IMAGE

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1. Choose the **Crop** tool from the Tool Palette.
2. Move the pointer into the image window and drag diagonally from the top left to the bottom right corner of the completed artwork to create a **Crop Marquee**. Position the pointer anywhere inside the crop marquee and drag to reposition. Drag a handle to resize.
3. Press ENTER to crop the image.
4. Choose **File > Save**.

