AS YOU HAVE DONE BEFORE, using the Powerpoint file called “CH18- Understanding Graphics”, and this worksheet, fill out the blanks. (copy and paste) from the chapter.

HIGHLIGHT YOUR ANSWERS THIS TIME IN BLUE.

***THIS IS WORTH TWO GRADES.***

1. Graphics files can be very \_\_\_\_\_\_\_\_\_\_\_\_\_ . When they are stored on the \_\_\_\_\_\_\_\_\_\_\_\_, the images are often **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, or saved in a format requiring less \_\_\_\_\_\_\_\_\_\_\_\_\_. ​
2. In **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, information is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in such a way that all of it can later be fully \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ without introducing errors.​
3. In **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, some information is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ removed from the file in such a way that it cannot be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ state. ​
4. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tool is a graphics \_\_\_\_\_\_\_\_\_\_ that allows you to \_\_\_\_\_\_\_\_\_\_\_\_\_\_ one part of an image or the \_\_\_\_\_\_\_\_\_\_\_\_\_ that make up an image. ​
5. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  tool in an image editor is used to select \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_, shapes.
6. Using your snipping tool, import a picture of what a **LASSO tool** looks like in a graphics editing program. Put it in the space BELOW

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| INSERT THE PICTURE INSIDE THIS BOX--🡪 CLICK INSIDE THE BOX, THEN DRAG PICTURE FROM WHERE YOU SAVED IT AFTER SNIPPING IT ON THE INTERN. LASSO TOOL |  |

1. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**is used to select all touching pixels of a similar color. ​
2. Using your snipping tool, import a picture of what a **MAGIC WAND** tool looks like in a graphics editing program. Put it in the space BELOW

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| INSERT THE PICTURE INSIDE THIS BOX--🡪 CLICK INSIDE THE BOX, THEN DRAG PICTURE FROM WHERE YOU SAVED IT AFTER SNIPPING IT ON THE INTERN. MAGIC WAND TOOL |  |

1. The rectangle selection tool is sometimes called the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** tool, and highlights a simple shape. ​
2. ​ Using your snipping tool, import a picture of what a **MARQUEE** tool looks like in a graphics editing program. Put it in the space BELOW

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| INSERT THE PICTURE INSIDE THIS BOX--🡪 CLICK INSIDE THE BOX, THEN DRAG PICTURE FROM WHERE YOU SAVED IT AFTER SNIPPING IT ON THE INTERN. MARQUEE TOOL |  |

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of colors that can be displayed on a monitor at one time is the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.​
2. Color \_\_\_\_\_\_\_\_\_\_\_\_\_\_ determine which and how many \_\_\_\_\_\_\_\_\_\_\_ are available for creating computer graphics.​
3. NAME FOUR TYPES OF COLOR MODES BELOW. I WILL GIVE YOU THE FIRST ONE—

|  |
| --- |
| 1. RGB
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1. Image editors usually contain **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, or preset features that alter images in a certain way.
2. Common filters include: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ filters, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ filters, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ filters.​
3. IN THE ADVANCED DRAWING TOOLS, the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**tool is used to align images properly.
4. IN THE ADVANCED DRAWING TOOLS, The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** tool moves parts of an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and determines how the parts will be placed in relation to one another.
5. IN THE ADVANCED DRAWING TOOLS, The**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** tool moves \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to distribute, or space, them from each other.​
6. IN THE ADVANCED DRAWING TOOLS, The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**tool changes the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in which objects are stacked and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_them to avoid this problem.
7. Before computers, animation was done by \_\_\_\_\_\_\_\_\_\_\_\_ or with \_\_\_\_\_\_\_\_\_\_\_\_\_. Sometimes, artists \_\_\_\_\_\_\_\_\_\_\_\_\_ by hand each **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, or individual still image in a sequence. ​
8. The speed at which a frame moves, measured in number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_\_\_\_\_\_\_, is called the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the ability of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ program to determine \_\_\_\_\_-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ frames, so you do not need to draw every one. ​
10. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, a program that interprets the information in an animation file, must be installed in order to view animated graphics on a computer monitor.
11. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** files often need compression because they are \_\_\_\_\_\_\_\_\_\_\_\_\_ files that use a lot of \_\_\_\_\_\_\_\_\_\_\_\_\_\_space and take time to \_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the files reduces both.​
12. One advantage of \_\_\_\_\_\_\_\_\_\_\_\_\_ animation includes quick \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. ​