AS YOU HAVE DONE BEFORE, using the Powerpoint file called “CH17- Intro to Graphics”, and this worksheet, fill out the blanks. (copy and paste) from the chapter.

HIGHLIGHT YOUR ANSWERS THIS TIME IN PINK.

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

1. The most common ways to create digital **graphics** are:

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2- A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is created by using paths or lines.

3- A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is formed by a pattern of \_\_\_\_\_\_\_\_\_\_\_.

4- Each single point in the image is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5- What does the term “PIXEL” short for? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Using your SNIPPING TOOL- “insert” below in the space provided the picture from the PowerPoint showing these two examples of graphics.

6- A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ allows you to create a new raster image.

7- A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_allows you to create and edit vector images.

8- An advanced paint program is called an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9- \_\_\_\_\_\_\_\_\_\_\_\_ qualities affect how every raster image will appear.

10- Size, which is , the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the graphic, , is normally measured either in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11-**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** tells how many \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are in a certain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of an image.

***EXPLORING THE APPLICATION WINDOW OF A BASIC GRAPHIC PROGRAM. ALL GRAPHIC PROGRAMS WILL BE DIFFERENT***



12- Most of the screen is devoted to the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, the blank, white area which contains the graphic.

13-A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a bar across the top or down the side of a window that contains icons linked to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ tools.

14-The display of color options in paint and draw programs is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ These options allow you to choose \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for an image.

***EXPLORING THE APPLICATION WINDOW OF A BASIC PAINT PROGRAM. ALL GRAPHIC PROGRAMS WILL BE DIFFERENT***

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1. The \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ drawing.
2. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_works like the Pencil tool, with a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ stroke of color.
3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ allows you to \_\_\_\_\_\_\_\_\_\_\_\_\_a line.
4. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Eyedropper** tool allows you to work

with a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-color from an image.

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ removes color from an image.
2. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_allows you to select a portion of an image to be enlarged, moved, or edited.
3. A variety of different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_allow you to work easily with a graphics program.
4. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a piece of hardware used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or inking.
5. A **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,** or pointing device over the drawing surface creates on the screen the image that is being \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the tablet.
6. An effective graphic uses the basic principles of design, including \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ uses differences in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to create a comparison.
8. The way objects are arranged is called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
9. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of one object in relation to other objects in the graphic is called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
10. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** in which a color, shape, or pattern is repeated throughout the graphic

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which creates a focal point
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, in which the closeness between objects indicates a relationship
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, in which objects in the image establish a connection through style or color
4. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which is when the elements of the graphic come together as a complete idea
5. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which is the placement of text and objects so they line up within a space
6. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which creates visual interest by using different colors and shapes
7. Many different elements are present in an effective graphic, including \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. The use of **\_\_\_\_\_\_\_\_\_\_\_\_\_** has a direct effect on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a graphic.
9. Graphics are made up of many **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, such as triangles and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** that create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, perspective, and shapes;
11. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which is the distance between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in a graphic or on a page.
12. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, which is the quality of the surface of shapes.
13. Bringing information, such as a graphic, \_\_\_\_\_\_\_\_\_\_\_\_\_ a file from another file is called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**. (SOUND FAMILIAR??)
14. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is when data is saved in a format that can be used in another \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (SOUND FAMILIAR??)
15. A powerful process known as **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** , stacks each level of an image on top of another.
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the process of combining separate vector images into \_\_\_\_\_\_\_\_ image.
17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the process of separating combined images into individual images.
18. Instead of creating an image from scratch, you can start with \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, or graphics files that come with a program, or that you \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the Internet.

**LOOK AT THE EXAMPLES BELOW SHOWING DIFFERENCES FROM VECTOR CLIP ART AND RASTER CLIP ART. WHICH ONE IS CLEARER?**



1. If you want to use a graphic that is in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your program does not support, you may have to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ raster graphics to vectors requires a special process called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
3. Tracing requires special software and can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when an image has a lot of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_.