Unit 6: Working with Charts & Graphs

Skittles

Creating a Pie Chart

Lesson Overview

Computer class is going to be a little more fun today. The teacher has brought in bags of Skittles™ candy in an attempt to help you understand how a pie chart works. Before you can eat the candy, you have to separate the candies by color and then type your findings into your computer. You will then use a pie chart to determine the percentage of each color included in your bag of candy.

In this lesson, you will create a pie chart using the data from one bag of candy.

Tools & Terms You'll Use

Review the following tools and terms that you will practice in this lesson, as you may be required to take a written assessment test after completing this unit.
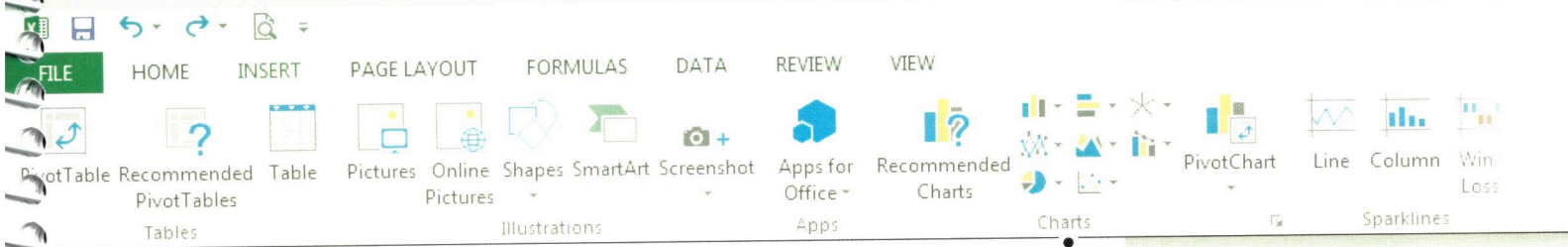
2-D Pie

3-D Pie

Doughnut

More Pie Charts...

Pie Chart:
Use this icon to create a pie chart to show proportions of a whole.
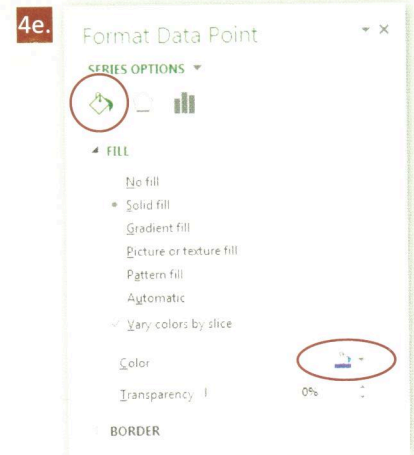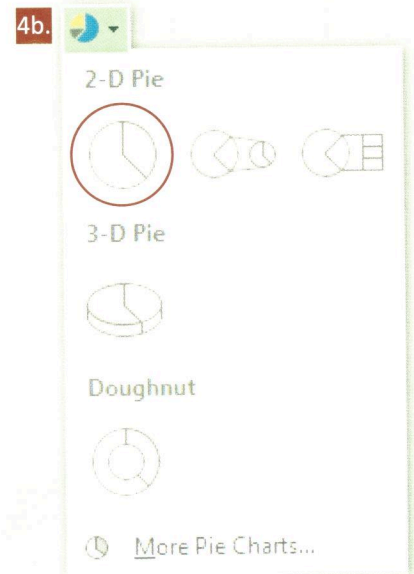
Creating a Pie Chart

Instructions

1. Using Microsoft Excel 2013, create a new Blank workbook.

2. Save the file as *6.1 Skittles* in your **My Excel Projects** folder.

3. Key the data as shown in *6.1 Source Doc. A*.

4. From the **INSERT** tab, **Charts** group, do the following:

   a. Select cells A3 through B8

   b. Choose the first **2-D Pie Chart** option

   c. Position the chart under the data

   d. Click in the Chart Title, then change title to [Skittles Colors Per Bag] (as shown below)

   Skittles Colors Per Bag

   ■ Purple ■ Yellow ■ Green ■ Orange ■ Red

   e. Change the **colors** of the slices of pie to correspond with the color of the candy

   ⊙ *Note: To do this, select only the piece of pie you want to change, go to Format Data Point, and choose the appropriate Fill Color*

   f. Click anywhere in the legend, then change its position to **Right**

5. Proofread your work for accuracy and format, then resave the file.

6. Select all cells containing data and charts, then Print Preview your worksheet.

7. Your worksheet should look similar to *6.1 Source Doc. B*.

8. Print a copy if required.

4b. 2-D Pie / 3-D Pie / Doughnut / More Pie Charts...

4e. Format Data Point — SERIES OPTIONS — FILL — No fill / Solid fill / Gradient fill / Picture or texture fill / Pattern fill / Automatic / Vary colors by slice / Color / Transparency 0% / BORDER

4f. Format Legend — LEGEND OPTIONS / TEXT OPTIONS — LEGEND OPTIONS — Legend Position — Top / Bottom / Left / Right / Top Right / Show the legend without overlapping the chart

6.1 Source Doc. A

	A	B
1	Skittles Colors Per Bag	
2		
3	Color	Number
4	Purple	10
5	Yellow	15
6	Green	12
7	Orange	18
8	Red	8

Skittles Colors Per Bag

Color	Number
Purple	10
Yellow	15
Green	12
Orange	18
Red	8

Skittles Colors Per Bag

- Purple
- Yellow
- Green
- Orange
- Red