

# Roller Coasters

## Reinforcement Lesson

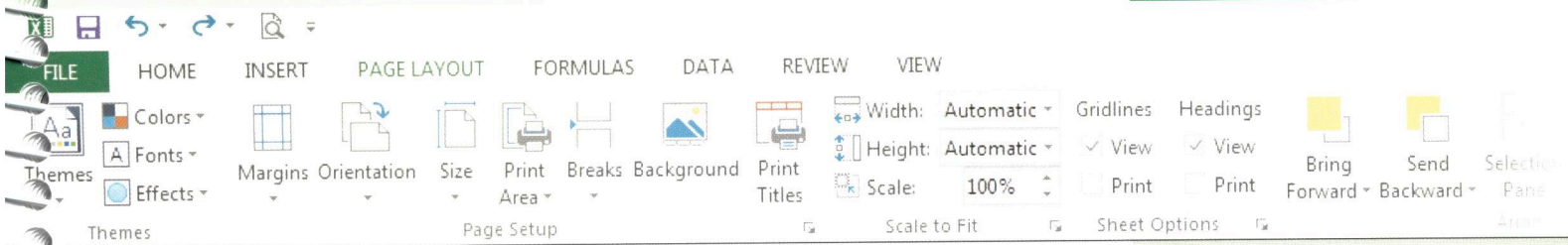
### New Skills

There are no new skills being introduced in this lesson.

### Lesson Overview

Your Physics class is trying to convince the teacher that a field trip to a roller coaster is necessary to help understand many of the physics concepts you are learning in class. You decide to research the top roller coasters in the United States and in the world to see if any overlap on both lists. If there are any in the United States that are geographically close to you, your teacher will agree to start the field trip approval process.

*In this lesson, you will create a new worksheet containing the top roller coasters in the United States and in the world. You will review your previously learned page layout skills to print just the list from the United States.*



## Instructions

1. Using Microsoft Excel 2013, create a new Blank workbook.
2. Save the file as *3.2 Roller Coasters* in your **My Excel Projects** folder.
3. Key the data as shown in *3.2 Source Doc. A*.  
*Note: Unless otherwise noted, resize the column widths to fit cell contents.*
4. Make the following formatting changes:
  - a. Insert a blank row above row 2
  - b. Insert a blank row above row 16
  - c. Change the height of row 1 to 25
  - d. Change the height of row 15 to 25
  - e. Change the font size of cell A1 to 18
  - f. Select cells A1 through D1 and merge and center
  - g. Change the font size of cell A15 to 18
  - h. Select cells A15 through D15 and merge and center
  - i. Change the font color of row 3 to green
  - j. Change the font color of row 17 to purple
  - k. Select cells A3 through D13 and add All Borders
  - l. Select cells A17 through D27 and add All Borders
  - m. Select cells A1 through D13 and add a Thick Box Border  
*Note: You may not see the entire border until you are in Print Preview.*
  - n. Select cells A15 through D27 and add a Thick Box Border
  - o. Change the margins to Narrow
  - p. Change the orientation to Landscape
  - q. Set the Print Area to A1 through D13 before printing
5. Proofread your work for accuracy and format, then resave the file.
6. Print Preview your worksheet.
7. Your worksheet should look similar to *3.2 Source Doc. B*.
8. Print a copy if required.



3.2 Source Doc. A

	A	B	C	D
1	Top 10 Roller Coasters in the US			
2	Name	Amusement Park	City	State
3	Millennium Force	Cedar Point	Sandusky	Ohio
4	Bizarro	Six Flags New England	Agawam	Massachusetts
5	Nitro	Six Flags Great Adventure	Jackson	New Jersey
6	Top Thrill Dragster	Cedar Point	Sandusky	Ohio
7	The Voyage	Holiday World	Santa Claus	Indiana
8	El Toro	Six Flags Great Adventure	Jackson	New Jersey
9	Intimidator 305	Kings Dominion	Doswell	Virginia
10	Apollo's Chariot	Busch Gardens Williamsburg	Williamsburg	Virginia
11	New Texas Giant	Six Flags Over Texas	Arlington	Texas
12	Intimidator	Carowinds	Charlotte	North Carolina
13				
14	Top 10 Roller Coasters in the World			
15	Name	Amusement Park	City	Country
16	T-Express	Everland	Gyeonggi-do	South Korea
17	El Toro	Six Flags Great Adventure	Jackson, NJ	USA
18	Expedition GeForce	Holiday Park	Hassloch	Germany
19	Balder	Liseberg	Gothenburg	Sweden
20	Bizarro	Six Flags New England	Agawam, MA	USA
21	Nemesis	Alton Towers	Stoke-On-Trent	England
22	Phoenix	Knoebels Amusement Resort	Elysburg, PA	USA
23	Goliath	Walibi Holland	Biddinghuizen	Netherlands
24	iSpeed	Mirabilandia	Ravenna	Italy
25	Intimidator 305	Kings Dominion	Doswell	Virginia

**Top 10 Roller Coasters in the US**

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