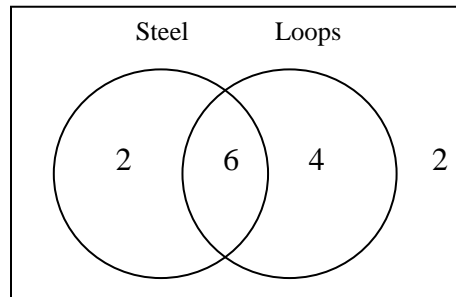


### Lesson 3 Homework Practice

#### Two-Way Tables

For Exercises 1-6, use the Venn diagram at the right and the information below.

The Venn diagram compares the roller coasters at an amusement park as to whether or not they are made of steel and whether or not they have loops.



1. Complete the two-way table below.

	Steel	Not Steel	Total
Loops			
No Loops			
Total			

2. How many roller coasters are at the amusement park?

3. Find the relative frequencies from the table in Exercise 1 by row.

	Steel	Not Steel	Total
Loops	$\frac{6}{10} = 0.60$		
No Loops			

4. Interpret the relative frequencies you found in Exercise 3.

5. Find the relative frequencies from the table in Exercise 1 by column. Round to the nearest hundredth if necessary.

	Steel	Not Steel
Loops	$\frac{6}{8} = 0.75$	
No Loops		
Total		

6. Interpret the relative frequencies you found in Exercise 5.