

Name: _____

Safety First

In "Revved-Up Athletes" (p. 16), you read about what race-car drivers do to keep physically fit for the Indy 500. But how do they keep themselves safe? In the last 100 years there have been many changes to the cars, engines, tires, speeds, and even drivers' outfits to ensure their safety.

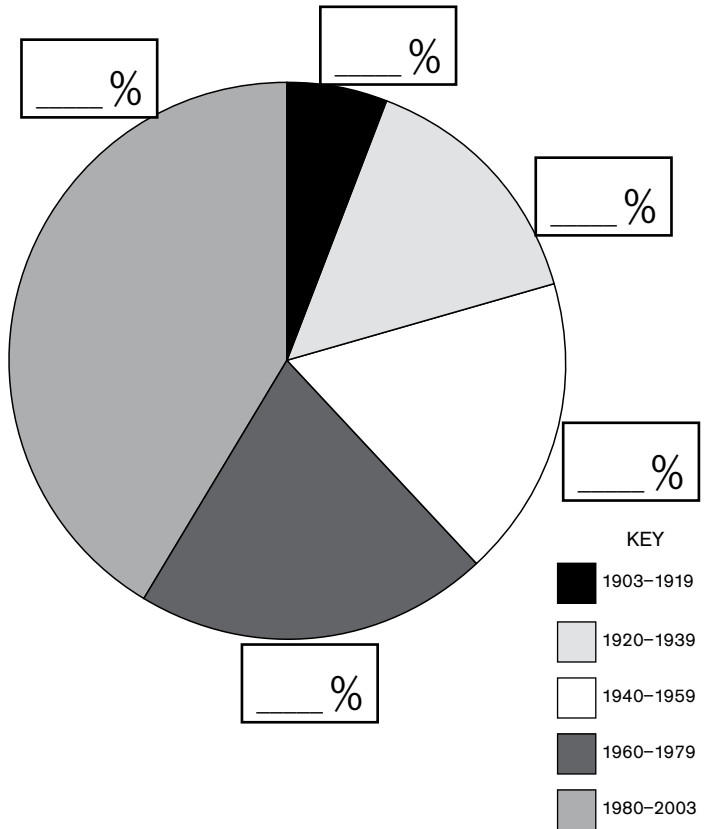
Directions: Study the chart below showing the number of safety items introduced throughout 100 years of auto racing. Then, calculate the total number of safety items introduced and the percent of items in each time period. Place your answers in the spaces provided. (Hint: To find the percent, divide the *part* by the *whole* and multiply by 100.)

Safety Features Added to Race Cars, by Time Period

Time Period	Number of Safety Items Introduced	Percent of Total
1903-1919	2	
1920-1939	5	
1940-1959	6	
1960-1979	7	
1980-2003	14	
Total		

SOURCE: WWW.NIEWORLD.COM/SPECIAL/RACING/TRIVIA.HTM

Graph Title: _____



Graph It

Use the chart above to complete the circle graph.

Analyze It

1. What overall trend do the data show?

2. Between which two periods did the number of safety items double?

3. The greatest number of safety items was introduced during which time period? Why do you think this is so?

4. What do you think some of these safety items might be?