

### Lives Saved by Safety Belts and Air Bags

Year	Lives Saved by Seat Belts in Thousands
1991	74
1993	80
1995	100
1997	110
1999	120
2001	125

1. Plot the points on the graph. Include a title, labels and units on your graph.
2. Draw the line of best fit.
3. What is the rate of change?

Explanation #3

4. Write the equation of the line of best fit.

Explanation #4

5. If the trend continues, how many lives will be saved by seat belts in 2005?

Explanation #5

6. If the trend continues, when will 20,000 lives be saved by seat belts?

Explanation #6

Source: National Highway Traffic Safety Administration