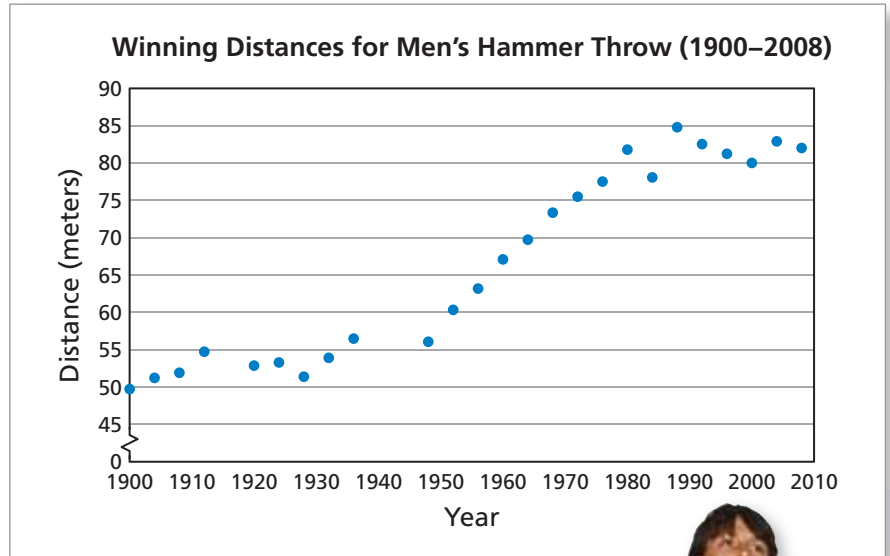


Section 10.2

Men's Hammer Throw In Exercises 7–11, use the graph.

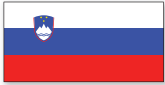







7. Describe any patterns in the graph.
8. What percent of the winning distances were Olympic records?
9. What is the Olympic record for the men's hammer throw?
10. What do you think the winning distance would have been in 1940 if the Olympics had been held? Explain your reasoning.

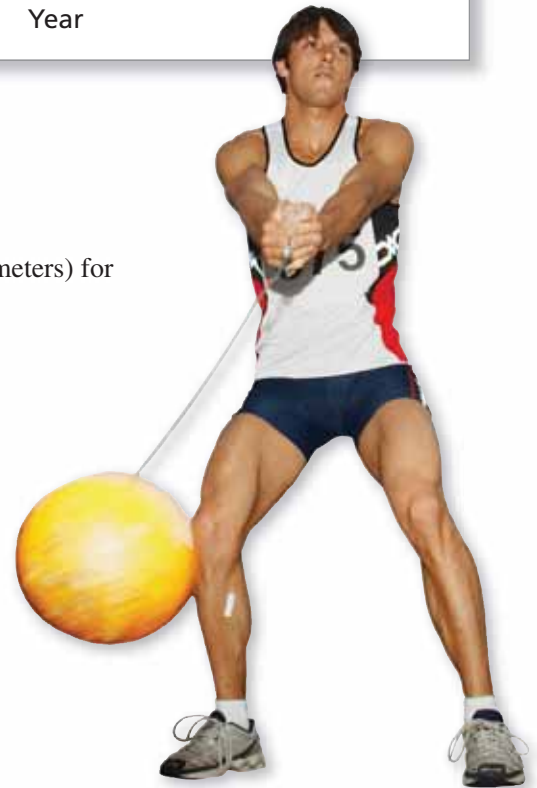


11. Sketch a graph that shows the Olympic record for each year in the data set.










12. **Distances** Graphically represent the top 8 distances (shown in meters) for the final round of the 2008 Olympic men's hammer throw.

 82.02,	 81.61,	 81.51,	 80.96,
 80.71,	 79.59,	 79.22,	 78.65



13. **Diving Score** A diver performs a dive with a degree of difficulty of 2.2. The judges' scores are shown. Find the diver's score.

							
Judge	Russia	China	Mexico	Germany	Italy	Japan	Brazil
Score	7.5	8.0	8.5	8.5	7.0	8.0	9.0

14. **Ski Jumping Score** Find the score for a ski jumper with the following style points and distance. Assume the K-point is at 120 meters.

Style Points: 16.0, 16.5, 19.0, 17.5, 18.0 Distance: 128 meters