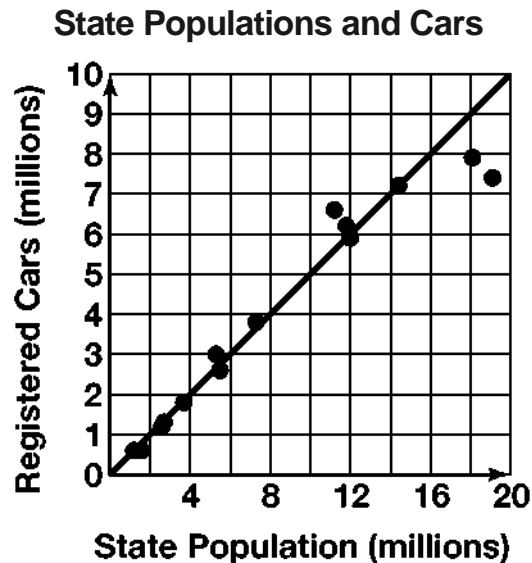


1. a-b. Trend lines may vary.
Sample given.



- c. about 16 million cars
d. $y = 0.5x$; about 3.6 million cars

2. As the populations increase, the numbers of cars also increase. So, there is a positive correlation between the data sets.
3. Answers may vary. Sample: 8.4 gal
4. 12 different outfits
5. Answers may vary. Sample: \$1.55; (16, 1.55) is on the line through the two points (12, 1.17) and (20, 1.89).
6. a. \$185
b. 1.5 h
7. 45 ft
8. 14 in.
9. The 1982 and 1998 values are the same.