

5. To help plan its orders for frozen chicken, a restaurant does a two-week survey of the number of customers ordering chicken dinners. The daily totals are:
- 47, 36, 55, 43, 24, 46, 38, 47, 52, 50, 38, 41, 45, 32
- (f) If frozen chicken costs the restaurant \$1.25 for each order, what is the restaurant's average cost per day for chicken? How did you work out your answer?
- (g) If this problem were about fresh whitefish, would you answer the problem in the same way? Why or why not?
6. In *Consumer Reports*, the overall miles per gallon ratings of the 2002 small cars were as shown in Display 1.29.¹
- (f) Which of these cars can be advertised honestly as having above average fuel economy for their class?
- (g) Is the mean that you computed a good estimate of the average miles per gallon of all the 2002 small cars of this type that are currently on the road? Why or why not?

Toyota Echo	38	Volkswagen Golf (4 cyl)	41
Chrysler PT Cruiser	18	Honda Civic	29
Mazda Protegé	27	Volkswagen Jetta (4 cyl)	24
Toyota Prius	41	Dodge Neon	23
Saturn S-Series	27	Hyundai Elantra	25
Nissan Sentra	26	Ford Focus	24

Display 1.29

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