

Estimating

1. Before the calculation, *estimate* the result, using rounded numbers and mental math. Then find the exact result.

a. $4,182 + 5,029$ Estimate: _____ Exact: _____

b. $74,352 - 12,834$ Estimate: _____ Exact: _____

c. 19×52 Estimate: _____ Exact: _____

d. $1,298,391 + 387,430$ Estimate: _____ Exact: _____

e. $3,427,073 - 1,293,938 + 804,542$ Estimate: _____ Exact: _____

2. a. 235,492 people in Purpletown;
187,203 people in Bluetown.

The two towns have approximately _____ people in all; and there are about _____ more people in Purpletown than in Bluetown.

b. 2,384 live births in Seagull hospital,
1,094 live births in Sunshine hospital.

There were about _____ live births in all; and Seagull hospital had about _____ more births than Sunshine hospital.

c. Jake's yearly earnings are \$47,807.

He earns about _____ monthly.

d. Jack's yearly mileage was 58,496 miles.

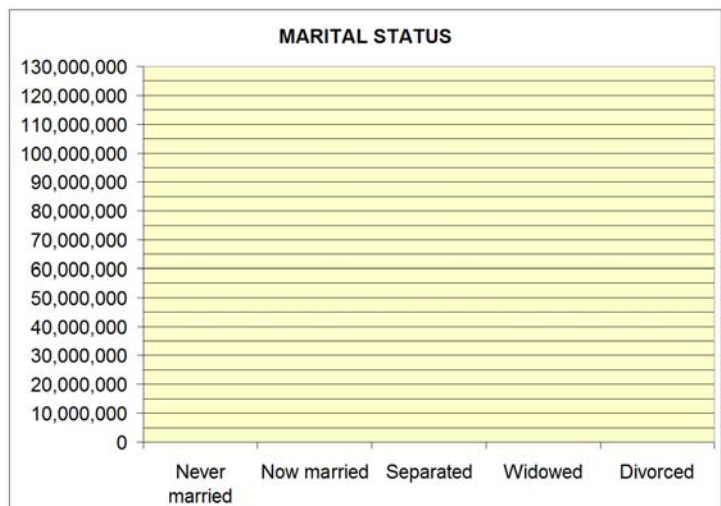
He drives about _____ each month.

3. a. Round the numbers to the nearest million. Use the rounded numbers to make a bar graph.

(The table lists the marital status of United States people 15 years and over; from Census 2000.)

MARITAL STATUS	
Never married	59,913,370
Now married	120,231,273
Separated	4,769,220
Widowed	14,674,500
Divorced	21,560,308

Source: From Census 2000 data,
www.census.gov.



b. *Estimate* the number of people who are either separated, widowed, or divorced.

c. *Estimate* the number of people who are not married (all the others except 'Now married').