Estimating

1. First *estimate*, 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: _____
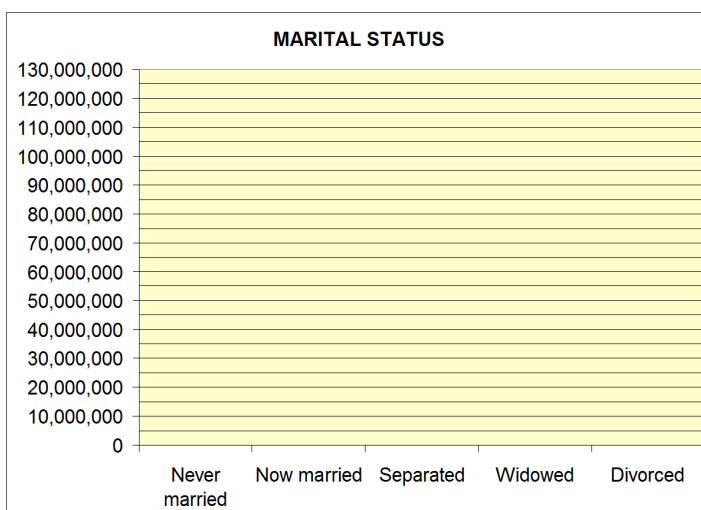
2. Estimate.

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 total; and Seagull hospital had about _____ more births than Sunshine hospital.
c. Jake's yearly earnings are $47,807. He earns about _____ monthly.	**d.** The yearly mileage for Jack's car is 58,496 miles. He drives about _____ miles each month.

3. **a.** Round the numbers to the nearest million. Use the <u>rounded numbers</u> 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: 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').