

# 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.  $19 \times 52$  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.

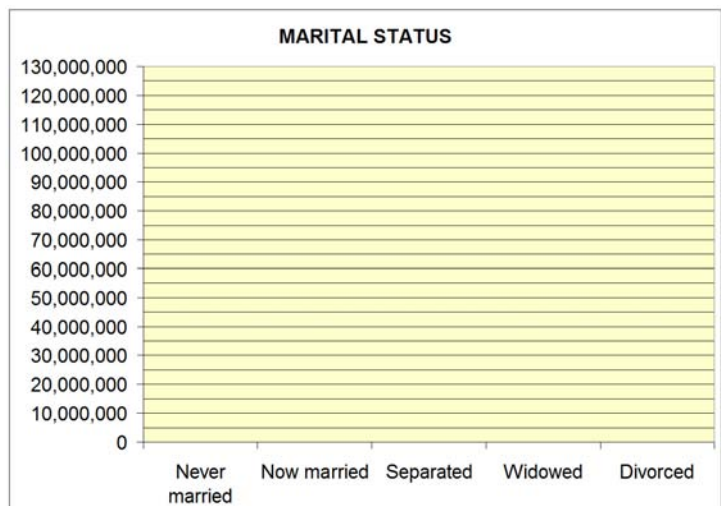
c. Jake's yearly earnings are \$47,807.  
He earns about \_\_\_\_\_ monthly.

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](http://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').