

Multiply By 2-Digit Numbers: Estimation - III

1. Write a number sentence that does the best estimate. Estimate the product.

- a. $18 \times 5,235$
- b. $22 \times 6,951$
- c. 77×83
- d. $66 \times 5,411$
- e. $42 \times 2,282$
- f. $36 \times \$65.35$
- g. $15 \times \$341$
- h. $88 \times \$134.82$
- i. $106 \times 5,121$
- j. 279×18

Solution:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____

2. Use the data in the table to solve. Use Estimation.

Hint: Population = Area in Sq. Miles \times Population Density per Sq. Mile

- a. Area of Wyoming is 97,100 sq. miles. About what is the population of the state of Wyoming?
- b. Area of Vermont is 9,250 sq. miles. About what is the population of the state of Vermont?
- c. Area of North Dakota is 68,976 sq. miles. About what is the population of the state of North Dakota?
- d. Area of Alaska is 571,951 sq. miles. Area of South Dakota is 75,885 sq. miles. What is the combined population of these two states?

Least Populated States in USA

State	Population Density per Sq. Mile
Wyoming	5.49
Vermont	67.16
North Dakota	9.3
Alaska	1.2
South Dakota	10.6

Solution:

- a. _____
- b. _____
- c. _____
- d. _____