

Name \_\_\_\_\_

## Multiply 3-Digit and 4-Digit Numbers with Regrouping

COMMON CORE STANDARD CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Estimate. Then find the product.

1. Estimate: 4,000

$$\begin{array}{r} 1\ 2\ 2 \\ 1,467 \\ \times \quad 4 \\ \hline 5,868 \end{array}$$

2. Estimate: \_\_\_\_\_

$$\begin{array}{r} 5,339 \\ \times \quad 6 \\ \hline \end{array}$$

3. Estimate: \_\_\_\_\_

$$\begin{array}{r} \$879 \\ \times \quad 8 \\ \hline \end{array}$$

4. Estimate: \_\_\_\_\_

$$\begin{array}{r} 3,182 \\ \times \quad 5 \\ \hline \end{array}$$

5. Estimate: \_\_\_\_\_

$$\begin{array}{r} 4,616 \\ \times \quad 3 \\ \hline \end{array}$$

6. Estimate: \_\_\_\_\_

$$\begin{array}{r} \$2,854 \\ \times \quad 9 \\ \hline \end{array}$$

7. Estimate: \_\_\_\_\_

$$\begin{array}{r} 7,500 \\ \times \quad 2 \\ \hline \end{array}$$

8. Estimate: \_\_\_\_\_

$$\begin{array}{r} 948 \\ \times \quad 7 \\ \hline \end{array}$$

9. Estimate: \_\_\_\_\_

$$\begin{array}{r} 1,752 \\ \times \quad 6 \\ \hline \end{array}$$

10. Estimate: \_\_\_\_\_

$$\begin{array}{r} 550 \\ \times \quad 9 \\ \hline \end{array}$$

11. Estimate: \_\_\_\_\_

$$\begin{array}{r} 6,839 \\ \times \quad 4 \\ \hline \end{array}$$

12. Estimate: \_\_\_\_\_

$$\begin{array}{r} \$9,614 \\ \times \quad 3 \\ \hline \end{array}$$

### Problem Solving REAL WORLD

13. Lafayette County has a population of 7,022 people. Columbia County's population is 8 times as great as Lafayette County's population. What is the population of Columbia County?

\_\_\_\_\_

14. A seafood company sold 9,125 pounds of fish last month. If 6 seafood companies sold the same amount of fish, how much fish did the 6 companies sell last month in all?

\_\_\_\_\_

### Lesson Check (CC.4.NBT.5)

- By recycling 1 ton of paper, 6,953 gallons of water are saved. How many gallons of water are saved by recycling 4 tons of paper?
  - 24,602 gallons
  - 27,612 gallons
  - 27,812 gallons
  - 28,000 gallons
- Esteban counted the number of steps it took him to walk to school. He counted 1,138 steps. How many steps does he take walking to and from school each day?
  - 2,000
  - 2,266
  - 2,276
  - 22,616

### Spiral Review (CC.4.NBT.2, CC.4.NBT.3, CC.4.NBT.4, CC.4.NBT.5)

- A website has 13,406 people registered. What is the word form of this number? (Lesson 1.2)
  - thirty thousand, four hundred six
  - thirteen thousand, four hundred sixty
  - thirteen thousand, four hundred six
  - thirteen thousand, six hundred six
- In one year, the McAlister family drove their car 15,680 miles. To the nearest thousand, how many miles did they drive their car that year? (Lesson 1.4)
  - 15,000 miles
  - 15,700 miles
  - 16,000 miles
  - 20,000 miles
- Connor scored 14,370 points in a game. Amy scored 1,089 fewer points than Connor. How many points did Amy score? (Lesson 1.8)
  - 12,281
  - 13,281
  - 15,359
  - 15,459
- Lea buys 6 model cars that each cost \$15. She also buys 4 bottles of paint that each cost \$11. How much does Lea spend in all on model cars and paint? (Lesson 2.9)
  - \$134
  - \$90
  - \$44
  - \$36