

Name _____

Multiply 2-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 record the product.

1. Estimate: **150** 2. Estimate: _____ 3. Estimate: _____ 4. Estimate: _____

$$\begin{array}{r} 1 \\ 46 \\ \times 3 \\ \hline 138 \end{array}$$

$$\begin{array}{r} 32 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \$55 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 8 \\ \hline \end{array}$$

5. Estimate: _____ 6. Estimate: _____ 7. Estimate: _____ 8. Estimate: _____

$$\begin{array}{r} 37 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \$18 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 8 \\ \hline \end{array}$$

9. Estimate: _____ 10. Estimate: _____ 11. Estimate: _____ 12. Estimate: _____

$$\begin{array}{r} 94 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$79 \\ \times 8 \\ \hline \end{array}$$

Problem Solving

13. Sharon is 54 inches tall. A tree in her backyard is 5 times as tall as she is. The floor of her treehouse is at a height that is twice as tall as she is. What is the difference, in inches, between the top of the tree and the floor of the treehouse?
14. Mr. Diaz's class is taking a field trip to the science museum. There are 23 students in the class, and a student admission ticket is \$8. How much will the student tickets cost?

Lesson Check (CC.4.NBT.5)

- A ferryboat makes four trips to an island each day. The ferry can hold 88 people. If the ferry is full on each trip, how many passengers are carried by the ferry each day?
 (A) 176
 (B) 322
 (C) 332
 (D) 352
- Julian counted the number of times he drove across the Seven Mile Bridge while vacationing in the Florida Keys. He crossed the bridge 34 times. How many miles in all did Julian drive crossing the bridge?
 (A) 328 miles (C) 238 miles
 (B) 248 miles (D) 218 miles

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

- Sebastian wrote the population of his city as $300,000 + 40,000 + 60 + 7$. Which of the following shows the population of Sebastian's city written in standard form?
(Lesson 1.2)
 (A) 346,700
 (B) 340,670
 (C) 340,607
 (D) 340,067
- Tori buys 27 packages of miniature racing cars. Each package contains 5 cars. About how many miniature racing cars does Tori buy?
(Lesson 2.4)
 (A) 15
 (B) 32
 (C) 100
 (D) 150
- A plane flew 2,190 kilometers from Chicago to Flagstaff. Another plane flew 2,910 kilometers from Chicago to Oakland. How much farther did the plane that flew to Oakland fly than the plane that flew to Flagstaff?
(Lesson 1.7)
 (A) 720 kilometers
 (B) 820 kilometers
 (C) 5,000 kilometers
 (D) 5,100 kilometers
- Which of the following equations represents the Distributive Property?
(Lesson 2.5)
 (A) $3 \times 4 = 4 \times 3$
 (B) $9 \times 0 = 0$
 (C) $5 \times (3 + 4) = (5 \times 3) + (5 \times 4)$
 (D) $6 \times (3 \times 2) = (6 \times 3) \times 2$