

Name _____

Choose a Multiplication Method

COMMON CORE STANDARD CC.4.NBT.5

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

Estimate. Then choose a method to find the product.

1. Estimate: **1,200** 2. Estimate: _____ 3. Estimate: _____ 4. Estimate: _____

$$\begin{array}{r} 31 \\ \times 43 \\ \hline 93 \\ + 1,240 \\ \hline 1,333 \end{array}$$

$$\begin{array}{r} 67 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 17 \\ \hline \end{array}$$

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

$$\begin{array}{r} 49 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times 19 \\ \hline \end{array}$$

8. Estimate: _____ 9. Estimate: _____ 10. Estimate: _____ 11. Estimate: _____

$$\begin{array}{r} 46 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 69 \\ \hline \end{array}$$

Problem Solving

12. A movie theatre has 26 rows of seats. There are 18 seats in each row. How many seats are there in all?
13. Each class at Briarwood Elementary collected at least 54 cans of food during the food drive. If there are 29 classes in the school, what was the least number of cans collected?

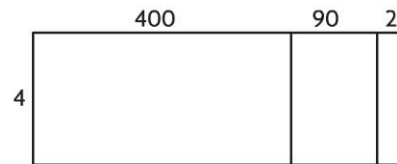
Lesson Check (CC.4.NBT.5)

- A choir needs new robes for each of its 46 singers. Each robe costs \$32. What will be the total cost for all 46 robes?
 (A) \$1,472 (C) \$1,362
 (B) \$1,372 (D) \$230
- A wall on the side of a building is made up of 52 rows of bricks with 44 bricks in each row. How many bricks make up the wall?
 (A) 3,080 (C) 488
 (B) 2,288 (D) 416

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

- Which expression shows how to multiply 4×362 by using place value and expanded form? (Lesson 2.6)
 (A) $(4 \times 3) + (4 \times 6) + (4 \times 2)$
 (B) $(4 \times 300) + (4 \times 600) + (4 \times 200)$
 (C) $(4 \times 300) + (4 \times 60) + (4 \times 20)$
 (D) $(4 \times 300) + (4 \times 60) + (4 \times 2)$

- Use the model below. What is the product 4×492 ? (Lesson 2.7)



- What is the sum $13,094 + 259,728$? (Lesson 1.6)
 (A) 272,832
 (B) 272,822
 (C) 262,722
 (D) 262,712
- During the 2008–2009 season, there were 801,372 people who attended the home hockey games in Philadelphia. There were 609,907 people who attended the home hockey games in Phoenix. How much greater was the home attendance in Philadelphia than in Phoenix that season? (Lesson 1.7)
 (A) 101,475 (C) 201,465
 (B) 191,465 (D) 202,465