

Name _____

Estimate Products**COMMON CORE STANDARD** CC.4.NBT.5

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

Estimate the product. Choose a method.

1. 38×21

$$\begin{array}{r} 38 \times 21 \\ \downarrow \quad \downarrow \\ 40 \times 20 \end{array}$$

800

2. 63×19

3. $27 \times \$42$

4. 73×67

5. $37 \times \$44$

6. 85×71

7. 88×56

8. 97×13

9. 92×64

Problem Solving 

10. A dime has a diameter of about 18 millimeters. About how many millimeters long would a row of 34 dimes be?

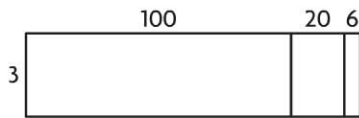
11. A half-dollar has a diameter of about 31 millimeters. About how many millimeters long would a row of 56 half-dollars be?

Lesson Check (CC.4.NBT.5)

- Which is the best estimate for the product 43×68 ?
 - (A) 3,500
 - (B) 2,800
 - (C) 2,400
 - (D) 280
- Marissa burns 93 calories each time she plays fetch with her dog. She plays fetch with her dog once a day. About how many calories will Marissa burn playing fetch with her dog in 28 days?
 - (A) 4,000
 - (B) 2,700
 - (C) 2,000
 - (D) 270

Spiral Review (CC.4.NBT.1, CC.4.NBT.3, CC.4.NBT.5)

- Use the model to find 3×126 . (Lesson 2.7)



- (A) 368
 - (B) 378
 - (C) 468
 - (D) 478
- A store sells a certain brand of jeans for \$38. One day, the store sold 6 pairs of jeans of that brand. How much money did the store make from selling the 6 pairs of jeans? (Lesson 2.10)
 - (A) \$188
 - (B) \$228
 - (C) \$248
 - (D) \$288
 - The Gateway Arch in St. Louis, Missouri, weighs about 20,000 tons. Which amount could be the exact number of tons the Arch weighs? (Lesson 1.4)
 - (A) 31,093 tons
 - (B) 25,812 tons
 - (C) 17,246 tons
 - (D) 14,096 tons
 - Which is another name for 23 ten thousands? (Lesson 1.5)
 - (A) 23,000,000
 - (B) 2,300,000
 - (C) 230,000
 - (D) 23,000