Name _____

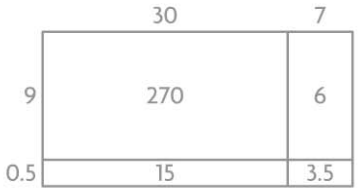
Multiply Using Expanded Form

COMMON CORE STANDARDS CC.5.NBT.2, CC.5.NBT.7

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Draw a model to find the product.

1. $37 \times 9.5 =$ 351.5



2. $84 \times 0.24 =$ _____

Find the product.

3. $13 \times 0.53 =$ _____

4. $27 \times 89.5 =$ _____

5. $32 \times 12.71 =$ _____

6. $17 \times 0.52 =$ _____

7. $23 \times 59.8 =$ _____

8. $61 \times 15.98 =$ _____

Problem Solving REAL WORLD

9. An object that weighs one pound on the moon will weigh about 6.02 pounds on Earth. Suppose a moon rock weighs 11 pounds on the moon. How much will the same rock weigh on Earth?

_____

10. Tessa is on the track team. For practice and exercise, she runs 2.25 miles each day. At the end of 14 days, how many total miles will Tessa have run?

_____

TEST PREP

Lesson Check (CC.5.NBT.2, CC.5.NBT.7)

1. A baker is going to make 24 blueberry pies. She wants to make sure each pie contains 3.5 cups of blueberries. How many cups of blueberries will she need?

   (A) 3.5 cups

   (B) 6.86 cups

   (C) 24 cups

   (D) 84 cups

2. Aaron buys postcards while he is on vacation. It costs $0.28 to send one postcard. Aaron wants to send 12 postcards. How much will it cost Aaron to send all the postcards?

   (A) $0.28

   (B) $0.34

   (C) $3.36

   (D) $33.60

Spiral Review (CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.6, CC.5.NBT.7)

3. What is the value of the digit 4 in the number 524,897,123? (Lesson 1.2)

   (A) 4,000

   (B) 40,000

   (C) 400,000

   (D) 4,000,000

4. How many zeros will be in the product $(6 \times 5) \times 10^3$? (Lesson 1.5)

   (A) 2

   (B) 3

   (C) 4

   (D) 5

5. Roast beef costs $8.49 per pound. What is the cost of 2 pounds of roast beef? (Lesson 4.3)

   (A) $8.49

   (B) $10.49

   (C) $16.98

   (D) $169.80

6. North Ridge Middle school collected 5,024 cans of food for a food drive. Each of the 18 homerooms collected about the same number of cans. About how many cans did each homeroom collect? (Lesson 2.5)

   (A) 250

   (B) 400

   (C) 500

   (D) 800