





# Daily Quiz

Name \_\_\_\_\_

Score

5

6.NS.4 – I can find the least common multiple of two whole numbers.

Find the LCM

1. 5, 12

2. 9, 6, 8

## Problem Solving

3. Hot dogs are sold in packages of 10. Buns are sold in packages of 12. What is the least number of hot dogs and buns you can buy so that there is one hot dog for every bun?

4. Daniella and Mehmet are each assigned a paper for a class they share. Daniella decides to write 5 pages at a time while Mehmet decides to write 9 pages at a time. If they end up writing the same number of pages, what is the smallest number of pages that the papers could have had?

## Multiple Choice

5. A square tile has a side length of 8 cm. A rectangular tile has a length of 12 cm. If the tiles are laid out in a line in two separate rows of the same tiles, at what point will the rows be the same length?

8cm



12cm



- A. at 12 cm
- B. at 24 cm
- C. at 48 cm
- D. at 96 cm





# Daily Quiz

Name \_\_\_\_\_

Score

5

6.NS.4 – I can find the greatest common factor of two whole numbers.

Find the GCF

1. 12, 30

2. 8, 52

**Problem Solving** – Use the table for 3 & 4. Teachers at the Scott School of Strings teach only one instrument in each class.

Scott School of Strings	
Instrument	Number of Students
Banjo	24
Bass	27
Guitar	36
Violin	21

3. Alexandria teaches group lessons to all of the bass and guitar students at the Scott School of Strings. All of her classes have the same number of students. What is the greatest number of students she can have in each class?

4. Marco teaches music history to all of the banjo, bass, and violin students. All his classes have the same number of students. What is the greatest number of students he can have in each class?

**Multiple Choice**

5. Max bought two deli sandwich rolls measuring 18 inches and 30 inches. He wants them to be cut into equal sections that are as long as possible. Into what lengths should the rolls be cut?

- A. 2 inches
- B. 3 inches
- C. 6 inches
- D. 9 inches