

TEST NAME: **Number Systems (NS.4)**
TEST ID: **174908**
GRADE: **06**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student: _____

Class: _____

Date: _____

1. What is the least common multiple of 2 and 4?
 - A. 2
 - B. 4
 - C. 6
 - D. 8

2. Mario is thinking of a number that is divisible by both 10 and 13. What is the smallest number Mario could be thinking of?
 - A. 10
 - B. 13
 - C. 130
 - D. 260

3. At the grand opening of a restaurant, every eighth customer received a free dessert, and every sixth customer received a free salad. Out of 100 customers, how many customers received both a free salad and a free dessert?
 - A. 4
 - B. 7
 - C. 12
 - D. 17

4. Sarah feeds her fish every 2 days and her snake every 6 days. In 30 days, how many times will Sarah feed her fish and snake on the same day?
 - A. 3
 - B. 5
 - C. 12
 - D. 15

5. Mr. Bender is putting his middle school band students into groups.
- There are 32 seventh graders and 40 eighth graders in the band.
 - Each group will have the same number of seventh grade students.
 - Each group will have the same number of eighth grade students.
 - Every student will be in a group.

What is the largest number of groups Mr. Bender can create?

- A. 2
- B. 4
- C. 8
- D. 16
6. A store sells small picture frames in packages of 6 and large picture frames in packages of 2. Tony bought the least amount of packages possible with the same amount of each size. How many packages of large picture frames did Tony buy?
- A. 12
- B. 6
- C. 3
- D. 2
7. Which expression is equal to $20 + 30$?
- A. $2(12 + 15)$
- B. $5(4 + 5)$
- C. $6(3 + 5)$
- D. $10(2 + 3)$
8. Which expression is equivalent to $48 + 54$?
- A. $6(8 + 9)$
- B. $6(8 + 7)$
- C. $6(9 + 6)$
- D. $6(9 + 7)$

9. Which expression is equal to $68 + 32$?

- A. $2(34 + 18)$
- B. $4(17 + 6)$
- C. $4(17 + 8)$
- D. $8(8 + 4)$

10. Which expression is equivalent to $6(9 + 3)$?

- A. $15 + 9$
- B. $54 + 18$
- C. $54 + 24$
- D. $63 + 18$

11. A cook has 16 slices of roast beef and 24 small potatoes. Each plate should have the same number of slices of roast beef and the same number of small potatoes. What is the largest number of plates that can be made with no roast beef or small potatoes remaining?

- A. 4
- B. 8
- C. 16
- D. 24

12. In 2011, Molly and Jerry both went to the beach. Molly goes to the beach every 2 years. Jerry goes to the beach every 3 years. What is the next year that both Molly and Jerry will go to the beach in the same year?

- A. 2013
- B. 2016
- C. 2017
- D. 2018