

Name _____ Period _____ Date _____

Bundle 2 Test Review - Due Wednesday Sept. 27th
Bring to Class on Tuesday

1. Mr. Jackson has 882 pencils. He wants to box them up so that each student in his class can receive an equal number of pencils. If he has 21 students, how many pencils can each student receive?

- A) 903 pencils
- B) 42 pencils
- C) 861 pencils
- D) 18,522 pencils

2. Michelle is taking a trip with her family to New Orleans. The fastest route from College Station to New Orleans is 453 miles. Michelle's Mom wants to split the trip into three equal sections for restroom, gas, and food breaks. How many miles should they drive before each of their three stops?

- A) 1,359 miles
- B) 153 miles
- C) 456 miles
- D) 151 miles

3. A zookeeper in San Francisco feeds the elephants 2,691 pounds of feed per week. If there are 13 elephants at the zoo, how much food does each elephant receive?

- A) 207 pounds
- B) 2701 pounds
- C) 205 pounds
- D) 2,678 pounds

4. How do the brackets and parentheses affect the order of operations for the expression $[50 + (20 - 3) \times 6] \div 2$?

- A) The division operation is the last step.
- B) The addition operation is the first step.
- C) The multiplication operation is the third step.
- D) The parentheses do not change the order of operations.

5. Which choice gives the correct order of operations needed to find the value of $4 - 8(2+6) \div 2$?

- A) $-$, \times , $+$, \div
- B) $-$, $+$, \times , \div
- C) \times , \div , $-$, $+$
- D) $+$, \times , \div , $-$

6. Which expression has the correct placement of parentheses to make the statement true?

- A) $(12 - 5) \times 7 = 49$
- B) $12 - (5 \times 7) = 49$
- C) $(12 \times 5) + 7 = 49$
- D) None of the above are correct

7.

Margaret opened a new case of lightbulbs.

- The case contained 3 boxes of lightbulbs with 8 lightbulbs in each box.
- Margaret threw 2 of these lightbulbs in the trash because they were damaged.
- Then she took 7 of the lightbulbs out of the case.

Which expression can be used to show that there are 15 lightbulbs still in the case?

$$3 \times 8 - 2 + 7$$

$$3(8) - 2(7)$$

$$3 \times 8 - (2 + 7)$$

$$3 + 8 - 2 + 7$$

8. What is the value of this expression?

$$[2(7 + 6)] - 16$$

9. What is the value of this expression?

$$36 + 9 \times (58 - 32)$$

10. What is the value of this expression?

$$46 + 128 \div 8 \times 3$$

11.

What is the value of this expression?

$$[45 - (6 + 3)] \times 27$$

A 1,134

B 972

C 198

D 1,206

12.

The arboretum sold 123 tickets on Friday, 312 tickets Saturday, and 276 tickets Sunday. Each ticket was \$8. Which of the following equations accurately represents the value of t , the total value of all the tickets sold?

A $123 + 312 + 276 \times 8 = t$

B $t = 8(123 + 312 + 276)$

C $t = 123 + 312 + 276$

D $(123 \times 8) + (312 \times 8) = t$

13.

Georgia has 156 yards of fabric. She needs 6 yards to make pajama pants and 4 yards to make pajama shirts. She makes 8 pajama pants and 4 pajama shirts. Which equation shows how to find the yards of fabric, y , Georgia has leftover?

- A** $y = 156 - (8 \times 6) + (4 \times 4)$
- B** $y = 156 - [(8 \times 6) - (4 \times 4)]$
- C** $y = 156 - [(8 \times 4) + (4 \times 6)]$
- D** $y = 156 - [(8 \times 6) + (4 \times 4)]$

14.

Jeremy has a square picture frame with side lengths measuring 15 inches. Which of the following equations best represents p , the perimeter of the frame?

- A** $p = 4 \times 15$
- B** $p = 2 \times 15$
- C** $p = 15 \times 15$
- D** $p = 15 \div 4$

15.

Jackson has 35 action figures. Hudson has twice as many action figures as Jackson. Which equation represents the value of a , the number of action figures Hudson has?

- A** $a \times 35 = 2$
- B** $35 \div 2 = a$
- C** $2 \times a = 35$
- D** $a \div 2 = 35$

16. There are 16 airplanes in the terminals at Houston Hobby Airport. If each airplane holds 247 passengers, how many people would it take to fill all of the airplanes?

- A) 15
- B) 3,852
- C) 3,952
- D) 1,729

17. In final preparation for the upcoming track season, the Texas A&M track team met every day for two weeks. During this time all 23 members ran a total of 115 miles per day. How many miles did the track team run during this two week period?

- A) 37,030 miles
- B) 322 miles
- C) 2,645 miles
- D) 1,610 miles

18. In 2015 the average cost for a family of four to go out to eat was 42 dollars. If a family of four goes out to eat once a week for two years, how much would they spend during this time based on the statistic?

- A) 4,368 dollars
- B) 2,184 dollars
- C) 8,736 dollars
- D) 416 dollars

19. What is the product of 1,926 and 37? Solve and write your answer in the space below.

20. What is the quotient of 748 and 14? Solve and write your answer in the space below.

