

William Rowen Elementary School
Cornerstone Assessment 1
Grade 5

Multiple Choice

A-T.2.1.1

1) Multiply: 270×30

- A 810
- B 6,100
- C 6,210
- D 8,100

A-T.2.1.1

2) Multiply: 260×72

- A 2,340
- B 14,620
- C 18,720
- D 23,400

A-T.1.1

3) Martha makes the statement shown below.

When multiplying two whole numbers that end in zeros, the product always has the exact same number of zeros at the end as the number of zeros from the end of the two numbers combined

For example, the product of 80×400 has exactly three zeros at the end since 80 ends in one zero and 400 ends in two zeros. Which expression proves Martha's statement is not correct?

- A 10×100
- B 20×200
- C 30×400
- D 40×500

A-T.1.1.1**A-T.1.1.3**

- 4) A number has an 8 in the hundredths place. The number also contains a digit whose value is $\frac{1}{10}$ the value of the 8 in the hundredths place. Which could be the expanded form of the number?

- A $(1 \times 100) + (8 \times 0.1) + (8 \times 0.01) + (2 \times 0.001)$
B $(3 \times 100) + (8 \times 10) + (2 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (7 \times 0.001)$
C $(8 \times 100) + (8 \times 10) + (1 \times 0.1) + (7 \times 0.01) + (9 \times 0.001)$
D $(2 \times 100) + (7 \times 10) + (2 \times 1) + (8 \times 0.01) + (8 \times 0.001)$

A-T.1.1.2

- 5) In the expression shown below, a and b represent different whole numbers.

$$10^a \times 10^b$$

How many zeros must be in the product of the expression?

- A $a + b$
B $a \times b$
C 2
D 100

A-T.1.1.3

- 6) Lucy's dog weighs nine and seventy-five hundredths kilograms. What is the weight, in kilograms, of Lucy's dog written in expanded notation?

- A $9 + 0.07 + 0.005$
B $9 + 0.07 + 0.05$
C $9 + 0.7 + 0.005$
D $9 + 0.7 + 0.05$

A-T.1.1.4**A-T.1.1.3**

- 7) Which inequality correctly compares six and fifty-nine hundredths to six and ninety-five thousandths?
- A $6.059 < 6.95$
 - B $6.059 > 6.95$
 - C $6.59 < 6.095$
 - D $6.59 > 6.095$

A-T.1.1.5**A-T.2.1.3**

- 8) Tyler's bag of shells weighs 4.97 pounds. He finds 2 stones that weigh the same as each other and adds them to the bag. Tyler's bag now weighs 6.31 pounds. What is the weight of each stone to the nearest tenth of a pound?
- A 0.6
 - B 0.7
 - C 1.3
 - D 2.6

A-T.2

- 9) Four friends ate together at a restaurant. The cost for each meal, without a tip, is shown below.

\$11 \$13 \$13 \$14

The total cost of the 4 meals with the tip was 1.2 times the total cost of the meals without the tip. The friends equally shared the total cost of the meals with the tip. How much did each friend pay?

- A \$10.20
- B \$12.75
- C \$13.05
- D \$15.30

A-T.2.1.1**A-T.2.1.2**

- 10) A store has 108 boxes of model cars. Each box contains 18 cars. After all the cars are unpacked, they are arranged into 27 rows with the same number of cars in each row. How many cars are in each row?
- A 72
 - B 153
 - C 162
 - D 972

A-T.1.1.1

- 11) In 1986, approximately 800,000 people attended a free concert at New York City's Central Park. How many 10 thousands are equal to 800,000 ?
- A 8
 - B 80
 - C 800
 - D 8,000

A-T.1.1.2

- 12) Ms. Dakota has 10 textbooks. The mass of each textbook is 1,000 grams. To find the total mass of all the textbooks, Ms. Dakota calculates 10×103 . What is the total mass, in grams, of the 10 textbooks?
- A 300
 - B 3,000
 - C 10,000
 - D 100,000

A-T.1.1.4

- 13) Which statement shows the numbers ordered correctly?
- A $0.8 > 0.5 > 0.2 > 0.9$
 - B $0.9 > 0.8 > 0.5 > 0.2$
 - C $0.2 < 0.8 < 0.5 < 0.9$
 - D $0.5 < 0.9 < 0.2 < 0.8$

A-T.1.1.5

- 14) Mona swims a race in 28.872 seconds. What is her race time rounded to the nearest tenth of a second?
- A 28.8
 - B 28.87
 - C 28.9
 - D 28.97

A-T.2.1.2

- 15) The school photographer plans to place 360 photos onto 24 pages of a school yearbook. If he places the same number of photos on each page, how many photos will the school photographer place on each page?
- A 13
 - B 14
 - C 15
 - D 16

A-T.2.1.3

- 16) Tom received a \$75 gift certificate for the local sporting goods store. He bought two baseballs for \$1.79 each, a baseball glove for \$49.99, and a baseball bat for \$12.19. About how much of his gift certificate will he have left?
- A \$9.00
 - B \$11.00
 - C \$64.00
 - D \$66.00