

# Livescribe-Enabled Talking Test and Key

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Do not write on this test.

Tap the circle ● with the Livescribe Smartpen to listen to each question.

## Math Review - 6th Grade - English - Short Answer (Version A)

### Short Answer

1. Estimate the sum by rounding to the thousands place.

$$\begin{array}{r} 7,307 \\ + \underline{4,841} \end{array}$$

2. Each student in the seventh grade will be required to write three papers that are a total of 13 pages long. If there are 47 students in the seventh grade, approximately how many sheets of paper will the seventh grade need to complete these assignments?
3. Write the expression  $7 \times 7 \times 7 \times 7 \times 7$  in exponential form.
4. Find the value of  $3^5$ .
5. Evaluate the expression  $25 + 24 \div 4$ .

## Math Review - 6th Grade - English - Short Answer (Version A)

### Answer Section

#### SHORT ANSWER

1. ANS:

12,000

Round both numbers to the nearest thousands place, and then perform the operation.

PTS: 1

DIF: Basic

REF: Page 10

OBJ: 1-2.1 Estimating a Sum or Difference by Rounding

TOP: 1-2 Estimating with Whole Numbers

KEY: estimation | addition | subtraction | rounding

2. ANS:

500 sheets of paper

Round both numbers to the nearest tens place, and then multiply the two rounded numbers.

PTS: 1

DIF: Average

REF: Page 11

OBJ: 1-2.2 Estimating a Product by Rounding

TOP: 1-2 Estimating with Whole Numbers

KEY: estimation | multiplication | rounding

3. ANS:

$7^5$

The base is the number being multiplied. The exponent is the number of times the base is a factor. Write the expression in the form base<sup>exponent</sup>.

PTS: 1

DIF: Average

REF: Page 14

OBJ: 1-3.1 Writing Numbers in Exponential Form

TOP: 1-3 Exponents

KEY: exponent | exponential form

4. ANS:

243

The expression is written in the form base<sup>exponent</sup>. Multiply the base by itself the number of times of the exponent.

PTS: 1

DIF: Average

REF: Page 14

OBJ: 1-3.2 Finding the Value of Numbers in Exponential Form

TOP: 1-3 Exponents

KEY: exponent | exponential form

5. ANS:

31

First, perform any operations within parentheses. Then, find the value of any numbers with exponents. Next, perform multiplication and division from left to right. Last, perform addition and subtraction from left to right.

PTS: 1

DIF: Basic

REF: Page 22

OBJ: 1-4.1 Using the Order of Operations

NAT: 8.1.5.e

TOP: 1-4 Order of Operations

KEY: expression | order of operations | simplify