

Scoring Guide

1.

Point Value: 1

Answer: A

2.

Point Value: 1

Answer: B

3.

Point Value: 1

Answer: B

4.

Point Value: 3

SESSION 2

Intermediate Key Idea 3:

Operations

Students use mathematical operations and relationships among them to understand mathematics.

Complete and Correct Response:

- Work equivalent to the following:

$$5.1 \times 365 = 1,861.5$$

$$1,861.5 \times 5 = 9,307.5$$

OR other valid process

AND

- 9,307.5 (pounds)

AND

- 5 (tons)

OR

- 4.65375 (tons)

AND

- Explanation equivalent to the following:

I know that 2000 pounds is one ton. I divided the number of pounds of garbage (9307.5) by 2000 and got about 4.7 tons.

OR other valid explanation

Score Points:

Apply 3-point holistic rubric.

5.

Point Value: 2

SESSION 1

Intermediate Key Idea 3:

Operations

Students use mathematical operations and relationships among them to understand mathematics.

Complete and Correct Response:

- Work equivalent to the following:

$$3.25 + 5.75 + 2.4 = 11.4$$

$$11.4 \div 3 = 3.8$$

OR other valid process

AND

- 3.8 (inches)

Score Points:

Apply 2-point holistic rubric.

6.

Point Value: 3

SESSION 2

Intermediate Key Idea 3:

Operations

Students use mathematical operations and relationships among them to understand mathematics.

Complete and Correct Response:

- Work equivalent to the following:

Option 1:

$$5.00 + 3.00 + 2.50 = 10.50$$

Option 2:

$$2.50 + 2.50 + 5.00 + 1.00 = 11.00$$

Option 3:

$$5.00 + 3.00 + 1.00 = 9.00$$

Option 4:

$$2.50 + 5.00 = 7.50$$

OR other valid process

AND

- Travel nonstop with Freedom Cab Co. the entire way

OR

Option 4

Score Points:

Apply the 3-point holistic rubric.

7.

Point Value: 2

SESSION 2

Intermediate Key Idea 2:

Number and Numeration

Students use number sense and numeration to develop an understanding of the multiple uses of numbers in the real world, the use of numbers to communicate mathematically, and the use of numbers in the development of mathematical ideas.

Complete and Correct Response:

- -21 0.76 $1\frac{2}{3}$ 3.12 $\frac{22}{5}$ $\sqrt{25}$ 14

OR other equivalent forms of the numbers.

AND

- Explanation equivalent to the following:

I converted all the numbers to either a whole number or decimal and then was able to arrange the numbers in order from smallest to largest.

OR other valid response

Score Points:

Apply 2-point holistic rubric.