

1.1-1.3

Review

1.1 – Whole Number Operations

Find the value of the expression. Check your answer.

1) $985 + 1545$

1.1 – Whole Number Operations

Find the value of the expression. Check your answer.

$$2) \ 8903 - 4621$$

1.1 – Whole Number Operations

Find the value of the expression. Check your answer.

$$3) \ 316(24)$$

1.1 – Whole Number Operations

Find the value of the expression. Check your answer.

$$4) \frac{5413}{16}$$

1.1 – Whole Number Operations

Work with a partner. The double bar graph shows the history of a citywide cleanup day.

Underline a key word or phrase that helps you know which operation to use to answer each question below.



- 5) What is the total amount of trash collected from 2010 to 2013?

1.1 – Whole Number Operations

Work with a partner. The double bar graph shows the history of a citywide cleanup day.

Underline a key word or phrase that helps you know which operation to use to answer each question below.



- 6) How many more pounds of recyclables were collected in 2013 than in 2010?

Key Words

+

-

×

÷

1.2 – Powers and Exponents

Write each product as a power.

7) $8 \bullet 8 \bullet 8 \bullet 8$

8) $15(15)(15)$

1.2 – Powers and Exponents

Find the value of each power.

9) 7^3

10) 6^4

1.2 – Powers and Exponents

Describe and correct the error in writing the value of the product.

11) $2 \times 2 \times 2 \times 2 = 4^2$

12) $5^3 = 15$

1.2 – Powers and Exponents

What is a perfect square?

Determine whether each number is a perfect square.

13) 100

14) 34

Review – Order of Operations

Parenthesis

Exponents / Roots

Multiplication

Division

Addition

Subtraction

Practice

Evaluate the following

P E M D A S
Left → Right Left → Right

15) $15 - 4 \times 3$

16) $5 + (2 + 1)^3$

Practice

Evaluate the following

$$17) (49 - 5^2) \div 2^3$$

P E M D A S
Left → Right Left → Right

Practice

Evaluate the following

$$18) 7^2 - 5(10 - 3^2)$$

P E M D A S
Left → Right Left → Right