

Writing and Interpreting Numerical Expressions Exit Quiz

Math 5

Part A: Write the correct numerical expression for each of the given verbal phrases.

1. The sum of fifteen and twenty-four divided by six

2. Fifteen divided by the difference between eight and three plus the product of seven and two

Part B: Write the following numerical expressions into words.

1. $(3 \times 10) + (4 \times 10)$

Writing and Interpreting Numerical Expressions Exit Quiz**Math 5**

2. $(40 \div 2) + (11 \times 2) - (12 + 8)$

Part C: Read the situation below and give what is asked.

Anna is 7 years old. Michelle, her mother, is four times plus 5 years her age. Draw a tape diagram and write the numerical expression that shows the total age of Anna's mother without calculating.

Writing and Interpreting Numerical Expressions Exit Quiz

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Answers:

Part A: Write the correct numerical expression for each of the given verbal phrases.

1. The sum of fifteen and twenty-four divided by six

$$(15 + 24) \div 6$$

2. Fifteen divided by the difference of eight and three plus the product of seven and two

$$15 \div (8 - 3) + (7 \times 2)$$

Part B: Write the following numerical expressions into words.

2. $(3 \times 10) + (4 \times 10)$

The product of three and ten plus the product of four and ten

*answers may vary

Writing and Interpreting Numerical Expressions Exit Quiz

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3. $(40 \div 2) + (11 \times 2) - (12 + 8)$

The quotient of forty and two plus the product of eleven and two minus the sum of twelve and eight

*answers may vary

Part C: Read the situation below and give what is asked.

Anna is 7 years old. Michelle, her mother, is four times plus 5 years her age. Draw a tape diagram and write the numerical expression that shows the total age of Anna's mother without calculating.

Anna's age:

7

Michelle's age:

7	7	7	7	5
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Numerical Expression: $(4 \times 7) + 5$