

Name: _____ Day 3
Ms. Napolitano

Date: _____
CCSS: _____

Topic: Order of Operations
Homework: Day 3

- 1) P
- 2) E
- 3) M \longleftrightarrow D
- 4) A \longleftrightarrow S

Directions: Evaluate the following Numerical Expression.

<u>Evaluate the Expression:</u>	<u>Show your work</u>
1) $25 - 13 + 32$	Answer: _____
<u>Evaluate the Expression:</u>	<u>Show your work</u>
2) $24 \div 4 + 4^2$	Answer: _____

<u>Evaluate the Expression:</u>	<u>Show your work</u>
3) $14(21) - 2^3$	Answer: _____

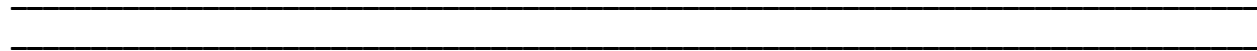
<u>Evaluate the Expression:</u>	<u>Show your work</u>
4) $16 - 13 + 48 \div 6$	Answer: _____

Directions: Evaluate each expression.

<p>5) $5 + 10 \div 5 \times 3 - 1$</p> <p>Answer: _____</p>	<p>6) $(5 + 10) \div 5 \times 3 - 1$</p> <p>Answer: _____</p>
<p>7) $5 + 10 \div (5 \times 3) - 1$</p> <p>Answer: _____</p>	<p>8) $(5 + 10) \div (5 \times 3) - 1$</p> <p>Answer: _____</p>

9) Jose disagreed with your expression and answer. Review Jose's work and explain his error.

$$\begin{aligned}
 &3^3 - 16 \div 2 \\
 &= 27 - 16 \div 2 \\
 &= 11 \div 2 \\
 &= 5.5
 \end{aligned}$$



10) Mercy evaluated the expression below. She said that she had gotten an answer of 56. Look over her answer and explain the error she made.

$$\begin{aligned}
 &3^2 + 12 \div (6 - 3) \times 8 \\
 &= 3^2 + 12 \div 3 \times 8 \\
 &= 9 + 12 \div 3 \times 8 \\
 &= 21 \div 3 \times 8 \\
 &= 7 \times 8 \\
 &= 56
 \end{aligned}$$

a) Directions: Explain the error that Mercy made when evaluating the expression.

b) Correct Mercy's work. State the appropriate solution below.

Solution: _____

What does a snowman eat for breakfast?

Directions: Cross out the answer that matches each question. The remaining letters will answer the riddle.

1 $16 + 10 \times 9$	2 $20 \div 5 \times 18$	3 $25 - 9 + 42$	4 $58 - 16 \div 4$
5 $85 \div 5 + 26$	6 $84 \div 6 - 3$	7 $24 \times 13 - 42$	8 $26 + 18 - 9$
9 $134 + 40 \div 2$	10 $25 \times 12 + 37$	11 $45 \times 7 \div 5$	12 $156 - 5 \times 18$

f	o	d	r	n	o	s	n	w	t	s	e	e
234	106	63	26	270	10	3	35	43	28	66	696	11

d	f	a	l	b	w	a	m	k	o	e	s
40	87	54	271	154	58	122	337	45	72	325	8

Answer _____

What is a trombone's favorite playground equipment?

Directions: Cross out the answer that matches each question. The remaining letters will answer the riddle.

1	$840 - 10^2 \times 6$	2	$54 \div 6 + 4^2$	3	$200 - 5^3 + 6$	4	$8^3 \div 4 \times 9$
5	$5 \times 6^2 \div 9$	6	$7^3 - 64 \div 4$	7	$28 + 17 - 3^2$	8	$9^3 \div 3 - 84$
9	$19 + 4^3 \times 49$	10	$84 + 144 \div 2^3$	11	$5^2 \times 7 + 1$	12	$92 \times 8 - 9^2$

g	t	o	h	b	s	e	l	s	p
240	30	159	45	102	3,155	289	36	321	81
a	l	d	m	i	d	w	b	e	k
1,152	599	176	20	3,479	8	655	327	800	25

Answer _____