Day 5: Homework

1. A group of people visit a museum

Age	Number of People	Admission Price per Person
65 and older	1	$8
13-64	2	$12.50
12 and under	4	$4.75

What is the total admission price?

Answer: _____

2.

What is the value of the expression shown?

$$40 - 5 \cdot 2 + 6$$

A. 76

B. 36

C. 24

D. 0

3.

Mrs. Becker wrote this expression on the board.

$$18 + 8 \cdot 3^2 - 15 \div 3$$

Part A Angie says the value of the expression is 85. Edgar says the value of the expression is 229. Who is correct?

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Part B Explain the steps you took to find your answer.

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_____

_____

_____

_____

4.   What is the value of the expression shown?

$$(8 - 5)^2 \cdot 3 - 8 \div 2$$

A. −3
B. 9.5
C. 14
D. 23

5.   Which of these expressions has a value of 75?

A. $9 + (5 + 3)^2 - 2 + 4$
B. $9 + (5 + 3^2) - 2 + 4$
C. $9 + 5 \cdot (3^2 - 2) + 4$
D. $(9 + 5) \cdot 3^2 - 2 + 4$

6.   What is the value of the expression shown?

$$22 + (3 + 7) \cdot 4 \div 2$$

Answer _____

7.   What is the value of the expression shown?

$$19 - (6 + 5) + 4^2 \div 2$$

Answer _____