

PERFORMANCE TASK

NAME: _____

Score: _____ out of 5 points

DATE: _____

A Day at the Museum

PART A (3 points)

A family purchased tickets to a museum and spent a total of \$38.00. The family purchased 4 tickets. There was a \$1.50 processing fee for each ticket. Write and solve an equation that can be used to find x , the cost of one ticket to the museum. Show your work or explain your answer.

PART B (2 points)

Inside the museum is a 4D movie that plays twice a day. Tickets to the twelve o'clock movie cost 3 dollars each. Tickets to the evening five o'clock showing are 5 dollars each. The twelve o'clock movie brought in 48 dollars. The five o'clock movie brought in 60 dollars. How many more people went to the twelve o'clock movie? Justify your answer.

A Day at the Museum Rubric

Description	Points	Total Points
PART A		
Student gives correct equation such as: $4(x + 1.50) = 38$ <p style="text-align: center;">OR</p> $4x + 6 = 38$	1	3
Student gives correct answer of 8 dollars for each ticket.	1	
Student shows work or explains answer. Like: $\frac{4(x + 1.50)}{4} = \frac{38}{4}$ $x + 1.50 = 9.5$ $\underline{-1.50} \quad \underline{-1.50}$ $x = 8$	1	
PART B		
Student gives correct explanation such as: $3n = 48 \text{ and } 5m = 60$ <p style="text-align: center;">OR</p> $3(16) = 48 \text{ and } 5(12) = 60$	1	2
Student gives correct answer: $16 - 12 = 4$ 4 more people attended the 12 o'clock movie.	1	
TOTAL POINTS (possible points = 5 points)		