

Some of the students from Eastwood School are taking a trip to a museum. In all, fewer than 60 students will go on the trip. The cost for food and admission to the museum is \$18 per student.

- a. What is the total cost for food and admission to the museum for 15 students? Show or explain how you got your answer.

The students will travel on one bus to the museum. The cost of the bus is \$800.

- b. In your Student Answer Booklet, copy and complete the table below to show the total cost for food, admission, and the bus for different numbers of students to go to the museum. Show or explain how you got your answers.

### Student Trip to the Museum

Number of Students	Total Cost for Food, Admission, and the Bus
0	\$ 800
20	\$1160
30	
40	
50	

- c. Write an expression that can be used to find the total cost for food, admission, and the bus for  $n$  students from Eastwood School to go to the museum.
- d. A total of 44 students go to the museum. What is the total cost, for food, admission, and the bus, **per student** to go to the museum? Show or explain how you got your answer.