

## The MET word problem

Miss Kiley's class is planning a field trip to New York City. They heard about the Metropolitan Museum and would like to visit it. They heard that it is a vast museum, and they need at least two visits to see most of the sections.

The entrance fees for adults are 30\$ and free for children under 12. The hotel will cost 100\$ for the first night per room and 50\$ for the second night. Each room can accommodate up to 4 children or one adult and three children. The transport will cost 1000\$ to go and come back by bus including going to the museum. Breakfast is included in the room fee, but students must bring their lunches and dinners, or they can buy from the hotel. Each meal will cost 5\$ per child and 10\$ per adult.

Cycle 2 students could recollect 1850\$ from the valentine's chocolate fundraising. Miss Holly, the principal, approved miss Kiley's class to use all the money if they stay on budget.

Your task is:

Determine how many students and adults are going (the ratio is 1:3, one adult for every three students).

Decide if you will bring your own food for the two days or buy from the hotel.

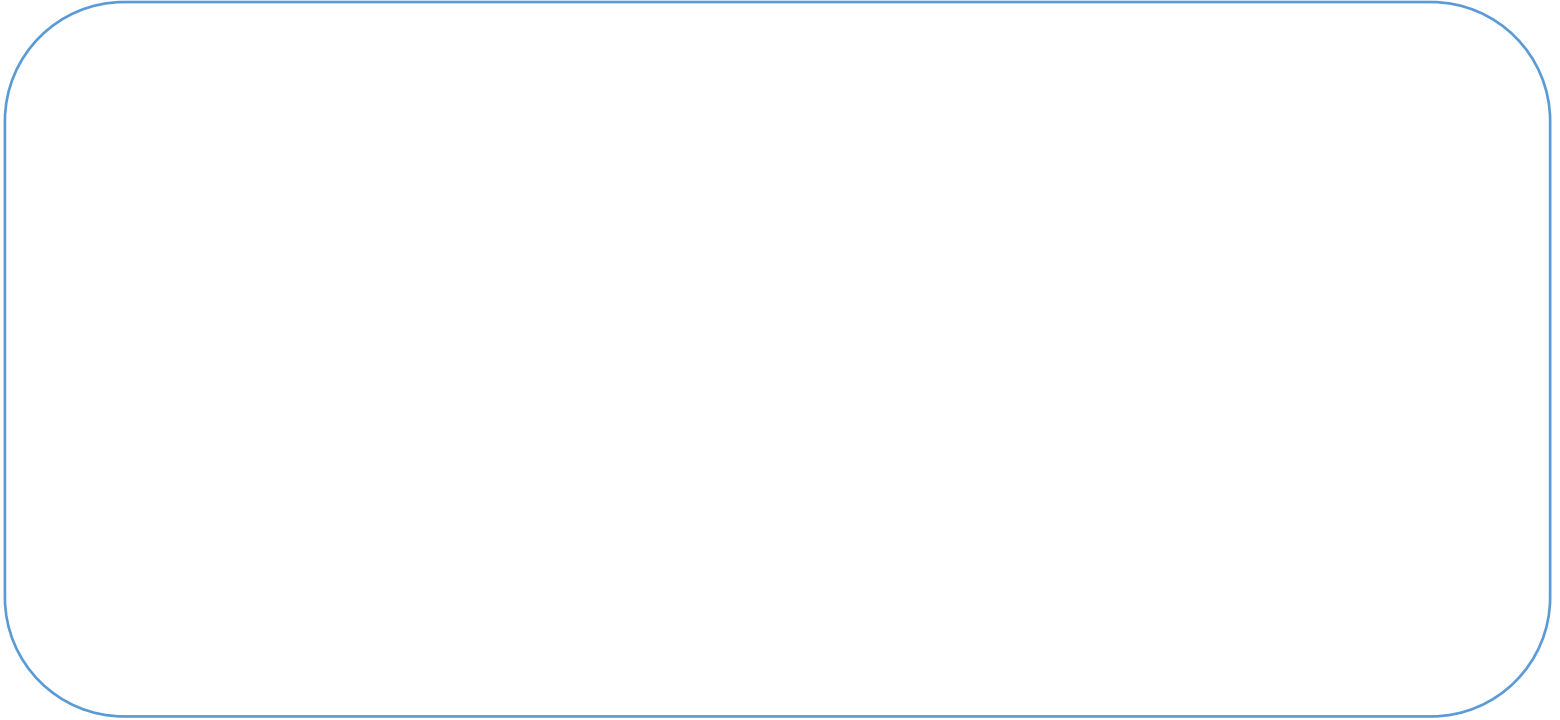
You need to calculate the hotel fee for the two nights.

You also need to calculate the museum entry fees.

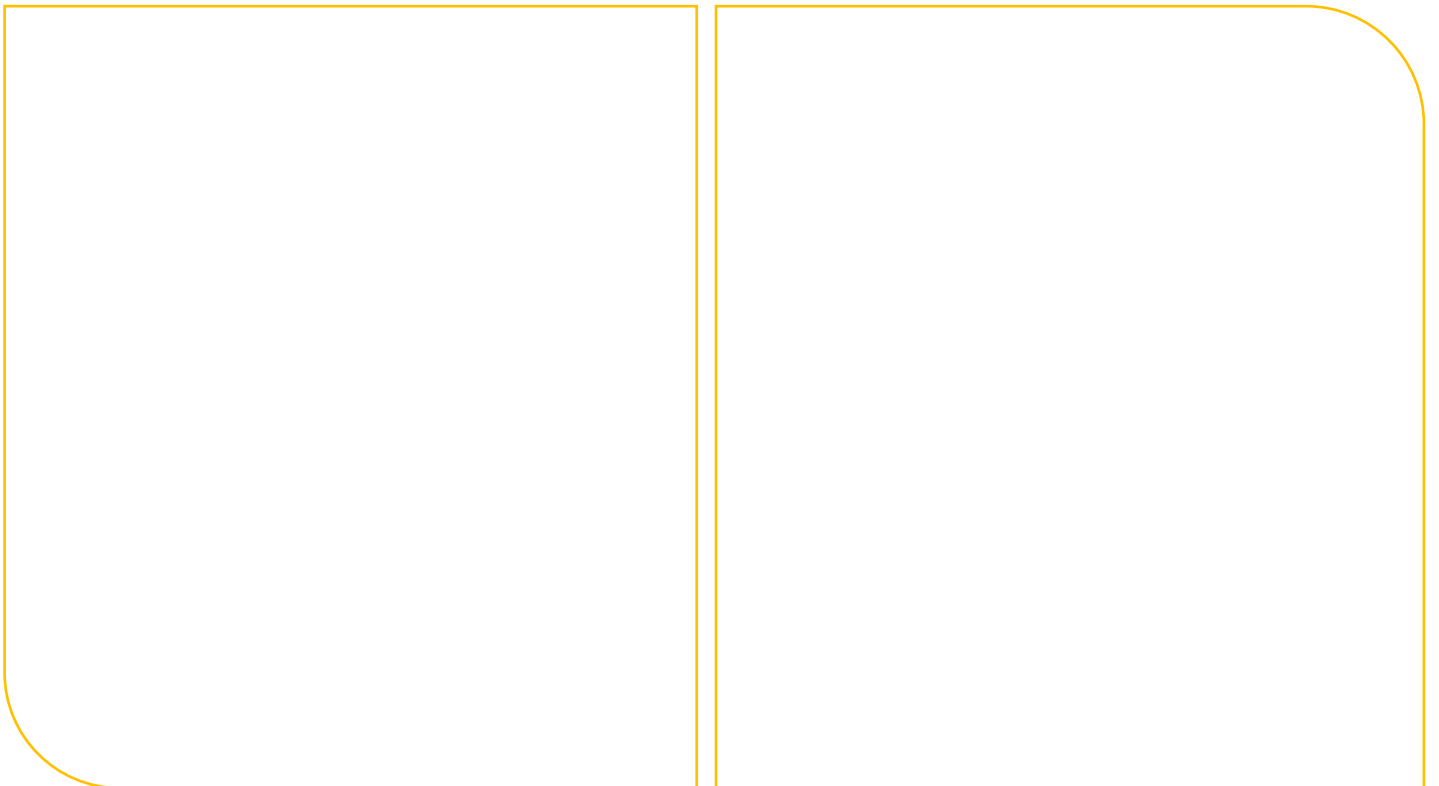
After determining all the fees, you need to determine if the money allocated for miss Kiley's class from the fundraising events will be enough for the field trip.

## Answer Sheet for the MET Problem

Adults and children's numbers:

A large, empty rounded rectangular box with a blue border, intended for writing the answers to the 'Adults and children's numbers' question.

Food cost:

Two empty rectangular boxes with orange borders, intended for writing the answers to the 'Food cost' question. The left box has rounded corners, and the right box has rounded corners on its top-right side.

**Hotel Cost:**



**Museum Fees:**



The total:

The money allocated for the field trip is **enough / not enough.**

Because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

You are the Best 😊