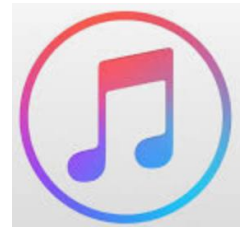


Can you solve these 3 formula questions?

1. A music website charges the following fees each month:

Total cost = £15 + (£2 × number of albums downloaded)



- a) How much would you pay if you downloaded 12 albums?

- b) If I had to pay £51 one month - how many albums had I downloaded?

2. The number of diners that a restaurant can serve depends on the number of waiters working that day.

Number of diners = (waiters × 10) + 5



- a) How many diners can be served if 7 waiters are working?

- b) If the restaurant is booked out for a party of 112 people. What is the fewest number of waiters needed to work that night?

3. The price of a box of luxury chocolates ordered for Valentines Day is based on the following formula.

Cost = (60p × number of chocolates) + £2.50 packaging

- a) How much will a cost of 15 chocolates cost?

- b) If my husband spends £17.50 on a box of chocolates for me, how many chocolates will there be in my box? (Fingers crossed!)

