

Task 11 - What is your profit?



Calculate your season 2 income by completing the task below.

So...

Total number of visitors to your park during season 2 _____ (taken from task 10)

Entry fee £ _____ (taken from task 9)

Total income made on the gate £ _____ (multiply the 2 figures together)

Then...

How much does it cost to open your park every day? £ _____ (taken from task 8)

Your park is open for 153 days this year, so you need to multiply the above figure by 153.

Total cost of opening your park for the season. £ _____

- Total profit made in season 2 so far: £ _____
(total income on gate - total cost of opening park)

HOWEVER...

$\frac{1}{2}$ of your customers spend £10 at one of your restaurants. Total income: _____

Every customer spends £5 at each café you have. Total income: _____

Every customer spends £2 at each sweet shop you have. Total income: _____

Every customer spends £4 at each shop you have. Total income: _____

Every customer spends £1 at each ice cream stand you have. Total income: _____

Every customer spends £3 at each photo kiosk you have. Total income: _____

What is the total income made on your attractions? _____

Now add this amount to the figure at the top of the page (the figure in bold next to the bullet point) **Total profit in season 2:** _____

Task 12: Taxes and Insurance!

At the end of season 2 you receive a letter from the Inland Revenue. These are the people who collect taxes for the government.

As you are in charge of your own company you have to pay tax on the profits you make.

30% of your profits in season 2 now have to be paid to the government in the form of taxes.

Work it out...

Total profits on season 2: £ _____

30% of your profits: £ _____

Total amount to be paid in taxes: £ _____



New current total profit for season 2: _____

Insurance renewal...

Unfortunately, the bad news doesn't end there.

The insurance on your park is up for renewal. Insurance is a legal requirement and you are not allowed to open your park without a certificate. Therefore, you have no choice but to renew the insurance certificate at the following costs.

Price Category 1: £200 000

Price Category 2: £175 000

Price Category 3: £150 000

Price Category 4: £125 000

Deduct the above costs from your yearly profits.

What are your final season 2 profits: _____

What money do you now have in the bank: _____



Task 13: Your loan!

At the beginning of season 1 you took out a £500,000 loan with Barclays Bank.

In season 1 it was interest free which meant at the end of season 1 you still owed £500,000 to the bank.

However, in season 2 and 3 the loan is subject to 11% interest. This means that 11% is added onto the loan at the end of every season.

Work out how much you now owe:

Season 1: £500,000

Season 2: £_____ (add 11% onto £500,000)



So...

You are now at the end of season 2.

What is the total amount in your bank? £_____

How much loan do you owe? £ _____