Date Night Menu Math!

For generations, couples have enjoyed going out to eat for date night. But, a romantic evening can quickly turn embarrassing if you aren’t able to pay for your meal!

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| Skills |
| * Perform addition and subtraction with money and decimals * Understanding of budgeting * Reading comprehension and understanding sequence in multi- step word problems * Understanding and use percentage * Solution for real world math problems |
| Modifications |
| * Print menu in large text * Oral administration of directions * Use coins, other manipulatives, or drawings to track and count |

You and your date are going out for a three-course meal tonight! You decide to go to the ‘Very Very Le Fancy Bistro’. Take a look at the menu (how le fancy!).

You’ve decided that you will pay for the first and second course, but your date will pay for drinks and dessert.

**You** have **brought $45 to spend**, and your **date has brought $35**. These are your **budgets**, the amount of money you have to spend on the date.

**Second Course**

Steak with asparagus $15.75

Tuna and rice $17.50

(plus $2.00 for extra rice)

Vegetable Lasagna $12.00

(minus $1.00 for less vegetables)

**First Course**

Stuffed mushrooms $6.50

Fried cheese sticks $5.25

Garlic bread $4.00 (plus $1.00 for one butter sauce)

**Menu for Very Very Le Fancy Bistro!**

**Dessert**

Milkshake $3.00

(Plus $1.25 for whipped cream)

Cupcake tower $7.50

(plus $0.50 for sprinkles)

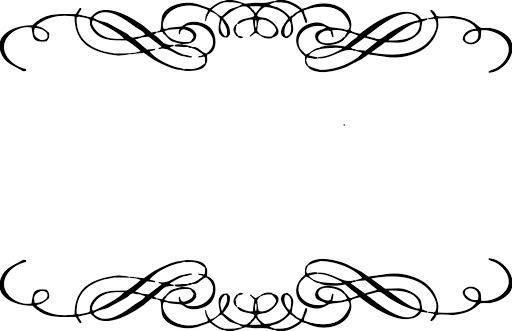
Carrot cake slice $2.75

**Drinks**

Soda $1.50

Coffee $2.00

Hot Chocolate $2.50



***Date Night specials!***

* 25% off any ONE dessert
* 10% discount off your entire order if you can do a handstand!

Scenario 1: Lets get Very Very Fancy!

* If you order the **garlic bread with two butter sauces**, and the **fried cheese sticks**, could you afford **two orders of tuna and rice?**
* **If *so,*** **how much** would you have **leftover from your $45?**
* **If *not*, how much would it go over your budget?**

Scenario 2: Let’s try something less expensive!

* You order **stuffed mushrooms** to share. Then, you order **steak with asparagus,** and your date orders **tuna and rice with extra rice**.
* **How much does this cost?**
* **Can you afford this?**
* **If *not****,* **how much** would it **go over your budget**?
* **If *so,*** **how much** money **do you have left over?**
  + Do you **have enough money left over** to **buy** an order of **garlic bread?**

Scenario 3: Yum! It’s time for Dessert!

* You start with **two coffees**. Next, you decide to order some **hot chocolate** to share (how romantic!). After that, your date orders a plum **milkshake with DOUBLE whipped cream**! You decide that have room for **carrot cake.** But, since you both feel ‘very very le fancy’, you order a **cupcake tower** to go (**with sprinkles** of course).
* **How much** have you **spent** on **drinks and desserts**?
* Can your date, with a **budget of $35, afford it**?

Scenario 4: Save those dollars!

* As you start to pay, your waiter lets you know that **one of your desserts is 25% off!** WOW! Your date decides to get the **discount on the cupcake tower with sprinkles.**
* **How much** did you **spend** on the **cupcake tower with sprinkles**?
* **How much** would it **cost** with a **25% discount**?
* **With the discount** on the **cupcake tower with sprinkles**, how much are you **spending on your drinks and desserts now**?

Scenario 5: Final Bill

* You get your final check.
* **Together,** with **your budget** and your **date’s budget,** **how much money do you have** to pay for the bill?
* **Your check** is the **totals** from ***both* scenario 2** and **scenario 4. How much** is your check?

Scenario 6: Showing off

* As you and your date are about to pay, you see on the that one of the Date Night specials is to get a **10% discount on your entire bill** if you can do a handstand! You shove all the food off the table, jump on top of it, and try to do a handstand!
* You fall off and the restaurant laughs at you.
* The waiter feels bad, so he says you can try again.
* This time, your date tries to do a handstand. AND IT WORKS! Everyone claps!
* **You will get a 10% discount off your final check!**
* With the **10%** discount, how much is your **check?**

Congratulations on your very very le fancy date!

Answer Key

Scenario 1

* Garlic bread with two butter sauces, fried cheese sticks, two order tuna and rice: $46.25
* You do not have any leftover from your $45
* You spent $1.25 too much!

Scenario 2

* Stuffed mushrooms, steak and asparagus, tuna and rice with extra rice: $41.75
* You can afford this!
* It does not go over your budget of $45
* You have $3.25 left over
* You do NOT have enough to buy an order of garlic bread (sad).

Scenario 3

* Two coffees, hot chocolate, milkshake with double whipped cream, carrot cake, cupcake tower with sprinkles: $22.75
* Yes, your date can afford this!

Scenario 4

* The cupcake tower with sprinkles cost $8
* 25% of $8 is 2, so with a 25% discount, the cupcake tower with sprinkles would cost $6
* With the 25% discount on the cupcakes with sprinkles, instead of $22.75, your bill is now $20.75.

Scenario 5

* You and your date together have $45 and $35 to spend, which is $80.
* Scenario 2 cost $41.75 and scenario 4 cost $20.75, so your final bill is $62.50.

Scenario 6

* 10% of $62.50 is $6.25, so with 10% your final check costs $56.25.