

# A

Marcus and his friends are having a Final Four party. Marcus buys 5 burgers and 9 sodas for \$28.75 at the Beefy Burger joint. When five more of his friends show up, he heads back to Beefy Burger for 10 more burgers and 10 more sodas and spends \$47.50.

ANSWER:  
15 and 8

# B

You dump the 49 coins from your piggy bank into a Coin-star Count'em Up machine. You have only dimes and quarters which the Coin-star Count'em Up machine counts as \$7.45.

ANSWER:  
18 and 31

# C

The cats Killer and Croaker are catch mice on the waterfront. Killer has already caught 29 mice and catches 87 more mice each month. Croaker has already caught 282 mice and catches 64 more mice each month.

ANSWER:  
79 and 46.37

# D

The “Pay Upfront” car rental company charges an insurance and gas fee of \$33 and daily rental fee of \$8 per day. The “Drive Now Pay Later” car rental company charges an insurance and gas fee of \$18 and has a daily rental fee of \$11 per day.

ANSWER:  
40 and 35

# E

Each month, the Weovabillya cell phone company has an operating fee of \$28.55 and charges \$0.48 per minute of calls. Each month, the Drop-Yo-Call Corporation has an operating fee of \$59 and charges \$0.19 per minute of calls.

ANSWER:  
23 and 2949

# F

Farmer Peter and Farmer Paula are picking apples from their apple trees. Farmer Peter has already picked 287 apples. Farmer Peter picks another 5 apples each minute. Farmer Paula has already picked 154 apples. Farmer Paula picks another 6 apples each minute.

ANSWER:  
20 and 200

# G

An army of goblins and orcs eats breakfast before a busy day of burning and pillaging. Each orc eats 4 pieces of maggot bread while each goblin eats 3 pieces of maggot bread. The army eats 265 pieces of maggot bread. Each orc has 3 weapons. Each goblin has 2 weapons. The army has 190 weapons.

ANSWER:  
32 and 17

# H

There are a total of 34 lions and hyenas. Each lion eats 4 antelope. Each hyena eats 3 antelope. 117 antelope are eaten.

ANSWER:  
1.75 and 1.60



# I

Two countries are keeping track of the cost of a barrel of oil in their country. In the country, Weneedaoil, a barrel of oil costs of \$40.05 and the price increases \$0.08 each day. In the country, Wehaveaoil, a barrel of oil costs of \$48.74 and the price decreases \$0.03 each day.

ANSWER:  
138 and 28.59

**J**

You buy 5 bags of chips and 9 bags of pretzels for \$16.95. Later you buy 10 bags of chips and 10 bags of pretzels for \$25.50.

**ANSWER:**  
3.50 and 1.25

# K

Katherine is deciding which catering company she should use for Mom's 50<sup>th</sup> birthday party. At Bashful's Birthday Blast there is a fee of \$20.00 and a charge of \$9.00 per person. At Bertha's Ballroom Blitz there is a fee of \$100 and a charge of \$5.00 per person.

ANSWER:  
5 and 73

# L

The Slow Fix auto shop charges \$28 for parts and \$48 per hour of labor. The We Work Cheaper auto shop charges \$59 for parts and \$44.90 per hour of labor.

ANSWER:  
105 and 78.95

# M

Jill bought one hot dog and two soft drinks for a cost of \$ 4.95. Jack bought three hot dogs and one soft drink for a cost of \$ 6.85.

ANSWER:  
133 and 952

# N

Ted and Ara are saving money.  
Ara has saved \$1,477 and saves  
64 more dollars each payday.  
Ted has saved \$948 and saves  
87 more dollars each pay day.

ANSWER:  
11 and 986

# 0

You empty your coin jar and find 49 coins (all nickels and quarters). The total value of the coins is \$8.65.

ANSWER:  
1.50 and 1.05

# P

Two companies sell stock shares on Wall Street. Losers Incorporated stock starts with a value of \$39.63 and loses \$0.08 for each new stockholder. The “Be Rich with Us” Corporation starts with a value of \$24.45 and gains \$0.03 in value for each new stockholder.

ANSWER:  
15 and 19



# Q

Sook-Lee wants to rent a car for a day so she can visit her sister at university. She has called two car-rental agencies. Rent-a-Heap charges \$50 per day plus \$0.12/km. Kurt's Rent-a-Car charges \$40 per day, plus \$0.20/km. When is the distance and cost the same for both companies?

ANSWER:  
10 and 508

# R

The sum of John's age and Margie's age is 36 years. John is four years younger than Margie. How old are John and Margie.

ANSWER:  
15 and 25

# S

A candy store is preparing a mixture of chocolate raisins and chocolate peanuts. The raisins sell for \$2.25/kg and the peanuts for \$1.75/kg. How much of each type must be mixed to make 20 kg of a mixture that will sell for \$41?

ANSWER:

3 and 5

# T

Sabrina has two part-time jobs delivering flyers. She earns \$9/h at her weekday job and \$12/h at her weekend job. Last week she worked 23 hours and earned a total of \$231. How many hours did she work at each job?

ANSWER:  
15 and 5

# U

A number is four times another number. Six times the smaller number plus half of the larger number equals 212. Find the numbers.

ANSWER:  
16 and 20

# V

A basketball coach bought 20 basketballs for a total of \$700. If the practice balls cost \$30 and the official balls used for games cost \$50, how many of each did the coach buy?

ANSWER:  
12 and 8

# W

Raoul drove at a speed of 50km/h from Ancaster to Oakville. From Oakville to Sudbury, he drove 80 km/h. If the whole trip was 550 km and took 8 h. How much time did he spend driving from Oakville to Sudbury and Ancaster to Oakville?

ANSWER:  
106 and 26.5

# X

Jacques has a total of \$155 in \$2 and \$5 pizza coupons. If he has 40 coupons in all, how many of each kind does he have?

ANSWER:  
125 and 65