**Application Problems with Decimals**

19. Marie brought $28.00 with her to the grocery store. Below is a list of what she bought. How much change did Marie get?

|  |  |  |
| --- | --- | --- |
| Grocery Item | Number Purchased | Price Per Item |
| Brownie Mix | 2 | $3.79 |
| Eggs | 1 | $2.75 |
| Birthday Plates | 3 | $1.55 |
| Birthday Cards | 4 | $1.25 |

20. You are texting your friend overseas. It costs $.35 for the first text and $0.08 for each additional text. You have $0.75, how many texts can you send?

21. A cellphone company is offering an instant rebate of $85 on any phone that costs more than $150. You decide to purchase a phone for $172.73. How much will your new phone cost?

22. The cost of gas is $2.08 per gallon. Ashley buys 8.3 gallons. What is the total cost?

23. You are at the mall and spend $15.47 for a t-shirt, $8.67 on a poster and $5.54 for snacks at the food court. How much did you spend altogether?

24. Eric has a pick-up and go cell plan. He pays $40 per month and 0.30 per additional text over the 100 text limit. Eric had 125 additional texts. What is his total bill for the month?

25. Jack travelled 149.5 miles on a trip to Charlotte that took 2.5 hours. Determine his rate of speed (miles/hour).