**Question One**

The table below is a spreadsheet a manager uses to determine how much to pay his employees. Fill in the empty boxes.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Normal Hours** | **Pay rate** | **Subtotal** | **Overtime**  **Hours** | **Pay rate** | **Subtotal** | **Weekly**  **Income** |
| Joanna | 34 | $16.80 |  | 12 | $22.45 |  |  |
| Tyson | 28 | $23.88 |  | 2 | $35.78 |  |  |
| Rueben |  | $17.43 | $662.34 | 6 |  | $176.64 |  |
| Clifford | 44 |  | $954.00 | 3 | $32.99 |  |  |
| Michael |  | $9.56 | $344.16 | 7 |  | $288.43 |  |
| Pietra | 37.5 |  | $1,050.00 | 10 |  |  | $1,350.00 |

**Question Two**

1. Danielle works at a hairdresser. Danielle is paid $35.80 for every hour she works up to 38 hours a week. She is then paid $56.40 an hour for any extra hours worked. This week Danielle worked 47 hours. How much was she paid?
2. Angus works as an astronaut. Angus is paid $87.40 for every hour he works on planet Earth. However, when Angus takes a trip to the moon, he is paid $126.33 per hour. This week Angus spends 23 hours on Earth and 48 hours on a trip to the moon. How much is he paid?
3. Jack is a diesel mechanic who is doing an apprenticeship. While he is learning the trade, Jack earns $9.50 per hour. He works a 38 hour week. When Jack starts his own business he charges his customers $37.30 per hour in labour charges. If Jack continues to work 38 hour weeks, how much more does he earn than when he was an apprentice?

**Question Three**

1. Rebecca works as a garbage collector. This week she has been paid $365. Rebecca worked 26 normal hours and 4 over time hours. She is usually paid $12 per hour and thinks her overtime rate should be $14 per hour. Is she correct? What is her overtime rate?
2. Maddison wants to buy a new car. She works out to pay the car off she needs to earn $965 per week. At the moment she only ears $823 per week. If Maddison is paid $25.98 for any overtime hours, how many overtime hours would she need to work per week?

**Question Four**

1. Matthew works in the mines in Cooper Pedy. He is paid a base rate of $678 per week and a commission of $4.50 on each kilogram of copper he extracts. This week he extracted 356 kilograms of copper. How much was he paid?
2. Nikkita works selling cosmetics and is paid a base rate of $433 per week. Nikkita also is allowed to keep 25% of the money she makes selling cosmetics. This week Nikkita sold $1,340 of cosmetics . How much was Nikkita paid?
3. Molly is a promotional model who is paid $45.99 per hour. However, for every person who buys the product being promoted, Molly receives a commission of 0.55c. If Molly sells 322 products in one week, how much is she paid?

**ANSWER KEY**

**Question One**

The table below is a spreadsheet a manager uses to determine how much to pay his employees. Fill in the empty boxes.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Normal Hours** | **Pay rate** | **Subtotal** | **Overtime**  **Hours** | **Pay rate** | **Subtotal** | **Weekly**  **Income** |
| Joanna | 34 | $16.80 | $571.20 | 12 | $22.45 | $269.40 | **$840.60** |
| Tyson | 28 | $23.88 | $668.64 | 2 | $35.78 | $71.56 | **$740.20** |
| Rueben | 38 | $17.43 | $662.34 | 6 | $29.44 | $176.64 | **$838.98** |
| Clifford | 44 | $21.68 | $954.00 | 3 | $32.99 | $98.97 | **$1052.97** |
| Michael | 36 | $9.56 | $344.16 | 7 | $41.20 | $288.43 | **$632.59** |
| Pietra | 37.5 | $28.00 | $1,050.00 | 10 | $30.00 | $300.00 | $1,350.00 |

**Question Two**

1. Danielle works at a hairdresser. Danielle is paid $35.80 for every hour she works up to 38 hours a week. She is then paid $56.40 an hour for any extra hours worked. This week Danielle worked 47 hours. How much was she paid?

38 x $35.80 =$1360.40

9 x $56.40 = $507.60

**$1,868.00**

1. Angus works as an astronaut. Angus is paid $87.40 for every hour he works on planet Earth. However, when Angus takes a trip to the moon, he is paid $126.33 per hour. This week Angus spends 23 hours on Earth and 48 hours on a trip to the moon. How much is he paid?

23 x $87.40 = $2,010.20

48 x $126.33 =$6,063.84

**$8,074.04**

1. Jack is a diesel mechanic who is doing an apprenticeship. While he is learning the trade, Jack earns $9.50 per hour. He works a 38 hour week. When Jack starts his own business he charges his customers $37.30 per hour in labour charges. If Jack continues to work 38 hour weeks, how much more does he earn than when he was an apprentice?

38 x $9.50 = $361.00

38 x $37.30 = $1,417.40

**$1056.40**

**Question Three**

1. Rebecca works as a garbage collector. This week she has been paid $365. Rebecca worked 26 normal hours and 4 over time hours. She is usually paid $12 per hour and thinks her overtime rate should be $14 per hour. Is she correct? What is her overtime rate?

**NO**

**$13.25 12 x $26 = $312.00 $13.25 x 4 = $53 $312.00 + $53.00 = $365.00**

1. Maddison wants to buy a new car. She works out to pay the car off she needs to earn $965 per week. At the moment she only ears $823 per week. If Maddison is paid $25.98 for any overtime hours, how many overtime hours would she need to work per week?

**5.5 hours of overtime**

965 – 823 = 142

142/25.98 = 5.46 or 5.5

5.5 x 25.98 = 142.89

142.89 + 823 = $965.89

**Question Four**

1. Matthew works in the mines in Cooper Pedy. He is paid a base rate of $678 per week and a commission of $4.50 on each kilogram of copper he extracts. This week he extracted 356 kilograms of copper. How much was he paid?

$678 + ($4.50 x 356) = **$2,280.00**

1. Nikkita works selling cosmetics and is paid a base rate of $433 per week. Nikkita also is allowed to keep 25% of the money she makes selling cosmetics. This week Nikkita sold $1,340 of cosmetics . How much was Nikkita paid?

$433 + ($1,340 x 0.25) = **$768.00**

1. Molly is a promotional model who is paid $45.99 per hour. However, for every person who buys the product being promoted, Molly receives a commission of 0.55c. If Molly sells 322 products in one week, how much is she paid?

0.55 x 322 = **$177.10 in commissions**