A+ National
PRE-APPRENTICESHIP
Maths & Literacy for Hairdressing

Contents

QUESTION 8

An apprentice buys the following stock for the salon: a square booster seat for $55, a hydraulic styling chair for $245 and a shampoo basin for $650. How much has been spent?

Answer:

QUESTION 9

A hairdresser working in the country travels 36 km, 98 km, 77 km and 104 km to cut the hair of four different elderly customers. How far has been travelled?

Answer:

QUESTION 10

Three separate hair styles cost $78, $88 and $93. How much does the total come to?

Answer:

Section B: Subtraction

Short-answer questions

Specific instructions to students

- This section will help you to improve your subtraction skills for basic operations.
- Read the following questions and answer all of them in the spaces provided.
- You may not use a calculator.
- You need to show all working.

QUESTION 1

A customer comes to a salon with hair that is 52 cm in length. The hairdresser trims off 22 cm but the customer is not satisfied and wants shorter hair. If a further 7 cm is cut off, what length remains?

Answer:

QUESTION 2

If one hairdresser travels 36 km to and from work and another hairdresser travels 19 km, how much further has the first hairdresser travelled than the second?

Answer:

QUESTION 3

Apprentice A completes style cuts and charges $243. Apprentice B also completes style cuts and charges $147. How much more has Apprentice A charged?

Answer:

QUESTION 4

A hairdresser uses 39 hair clips from a box that has contained 163 hair clips over a month. How many are left?

Answer:

QUESTION 5

A perm costs $144.50. The manager takes off a discount of $15.00. How much does the customer need to pay?

Answer:

QUESTION 6

Over the course of a year, an apprentice uses 316 hair extensions from a box containing 500 hair extensions. How many are left in the box?

Answer:

QUESTION 7

A salon uses the following amounts of hair conditioner for three cuts: Cut A = 55 mL; Cut B = 38 mL and Cut C = 69 mL. How much conditioner is left from a bottle that contained 250 mL of conditioner to begin with?

Answer:

QUESTION 8

A salon manager records 74 cuts in one week. If there were a total of 93 cuts booked, how many customers did not turn up or cancelled?

Answer:

QUESTION 9

The overall takings for a salon, for a year, were $171 113. The cost of staff wages came to $84 239. How much was left?

Answer:

QUESTION 10

A hairdresser uses the following amounts of the same tint on three separate styles: 80 mL, 60 mL and 50 mL. If there were 250 mL of tint in a tube to begin with, how much would be left?

Answer:

Section C: Multiplication

Short-answer questions

Specific instructions to students

- This section will help you to improve your multiplication skills for basic operations.
- Read the following questions and answer all of them in the spaces provided.
- You may not use a calculator.
- You need to show all working.

QUESTION 1

If a standard cut costs $25, how much would nine similar standard cuts cost?

Answer:

QUESTION 2

If a perm costs $80, how much would three perms total?

Answer:

QUESTION 3

An apprentice uses 35 mL of permanent hair colour on one specific style. How much hair colour is used for the same style, if it is completed six times in one month?

Answer:

QUESTION 4

A salon purchases six new hydraulic styling chairs at a cost of $239 each. What would the total cost be?

Answer:

Section A: Addition

Short-answer questions

Specific instructions to students

- This section will help you to improve your addition skills when working with decimals.
- Read the following questions and answer all of them in the spaces provided.
- You may not use a calculator.
- You need to show all working.

QUESTION 1

If four new lockable hairdressing trolleys are purchased for $946.88 and a hairdresser chair for $209.75, how much is the total?

Answer:

QUESTION 2

An apprentice hairdresser buys a set of brushes for $39.95, some hair bleach for $24.95, several combs for $44.55 and a set of curlers for $59.45. How much has been spent?

Answer:

QUESTION 3

The length of one hair extension is 25.5 cm and another is 30.5 cm. What is the total length of the two extensions?

Answer:

QUESTION 4

A customer purchases a tint brush for $15.50 and a round brush for $8.50. How much is the total?

Answer:

QUESTION 5

A hairdresser buys the following: a magazine on hairstyling for $8.99, hair clips for $6.50, hair oil for $12.30 and an apron for $5.90. What is the total?

Answer:

QUESTION 6

If a truck driver who delivers salon products travels 65.8 km, 36.5 km, 22.7 km and 89.9 km, how far has the driver travelled to deliver the goods?

Answer:

QUESTION 7

A customer asks for a single foil that costs $7.50 and his partner wants three foils costing $22.50. What is the total?

Answer:

QUESTION 8

Two customers ask for three foils costing $22.50 and nine foils costing $67.50 respectively. How much will the total cost be for each customer?

Answer:

QUESTION 9

A hair stylist completes three cuts. The first cut is $45.80, the second is $130.65 and the third is $66.45. How much has been charged in total?

Answer:

QUESTION 10

A salon's takings for the first hour after opening are $89.90, $45.50, $55.50, $135.50 and $32.50. What are the total takings for the first hour?

Answer:

Section D: Division

Short-answer questions

Specific instructions to students

- This section will help you to improve your division skills when working with decimals.
- Read the following questions and answer all of them in the spaces provided.
- You may not use a calculator.
- You need to show all working.

QUESTION 1

A hairdresser earns $628.55 for a six-day working week. How much is earned for each day?

Answer:

QUESTION 2

A manager earns $790.60 for five days work. How much is earned per day?

Answer:

QUESTION 3

A salon's takings are $2245.50 over five days. How much are the daily takings, on average?

Answer:

QUESTION 4

A stylist completes root re-touches on three customers. The total cost comes to $312.90. How much is this, on average, per customer?

Answer:

QUESTION 5

Three customers have full-head foils at a total cost of $450.90. How much is each customer charged?

Answer:

QUESTION 6

Four customers have long hair that requires a wash, cut and blow-dry. The total bill comes to $180.80. How much does each customer pay?

Answer:

QUESTION 7

Six female customers are charged the same amount to have a shampoo, style cut and blow-dry. The takings come to $453.00. How much is each customer charged?

Answer:

QUESTION 8

A salon completes five permanent colour regrowth applications for five different customers. The total charged for all five applications is $427.50. How much is each customer charged?

Answer:

QUESTION 9

Eight customers are charged a total of $364.80 to get highlights using the balayage technique. How much is the cost per customer?

Answer:

QUESTION 10

Three customers with short hair have a colour gloss treatment. The total comes to $226.50. How much is each customer charged?

Answer:

Unit 12: Vouchers

Short-answer questions

Specific instructions to students

- This unit will help you to calculate the details of vouchers.
- Read the following questions and answer all of them in the spaces provided.
- You may not use a calculator.
- You need to show all working.

QUESTION 1

A customer has a wash, cut and blow-dry that comes to $50. The customer has a voucher for 20% off.

a How much is taken off for the voucher?

Answer:

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b How much is the final cost?

Answer:

QUESTION 2

A father and his son get their hair washed, cut and blow-dried before returning to work and school respectively after the holidays. The salon charges $45 for the father's cut and $25 for the son's haircut. They also purchase hair gel for $8.50, shampoo for $13.50 and a new skeleton brush for $12.50. They have a '15% off' voucher that covers both cuts and products.

a What is the total before taking off the value of the voucher?

Answer:

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b How much is the voucher worth?

Answer:

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c What is the total after the value of the voucher is taken off?

Answer:

QUESTION 3

A customer purchases some goods from a salon. They include: two jars of hair gel for $22.95, a skeleton brush for $15.95, a fine tail comb for $9.99 and texturiser with a handle for $14.95. The customer has a '30% off' voucher on all items.

a What is the total cost before using the voucher?

Answer:

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b How much is the voucher worth?

Answer:

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c What is the final cost after using the voucher?

Answer:

QUESTION 4

A family of four comes into a salon for haircuts. One person has their roots re-touched, which costs $95; another person has a tint costing $50; a child has a haircut costing $15 and another child has short hair that requires a treatment costing $45. The family has a voucher for '25% off'.

a What is the total before using the voucher?

Answer:

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b How much is the voucher worth?

Answer:

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c What will be the final total after using the voucher?

Answer:

QUESTION 5

A salon manager purchases equipment to update their salon. The manager buys four hairdresser chairs for $968, two lockable hairdressing trolleys for $525, six dozen bleach-proof towels for $348 and three mannequin heads for $65. The manager has a '15% off' voucher on all goods.

a What is the total before using the voucher?

Answer:

b How much is the voucher worth?

Answer:

c How much will the salon manager need to pay after using the voucher?

Answer:

QUESTION 6

A customer enters a salon with a '25% off' gift voucher that she received for her birthday. The customer decides to have foils so as to have streaks of colour to help give her hair definition. The cost is $155.00.

a How much will the voucher take off the cost?

Answer:

b What will the final cost be?

Answer:

QUESTION 7

Three customers in a salon have vouchers for '15% off'. They have style cuts that cost $60, $35 and $25. The costs include individual design for each customer's hair, expert cutting, shampooing, conditioning and blow-waving.

a How much does the voucher reduce the cost for each customer?

Answer:

b How much is the total for each customer after using the voucher?

Answer:

15% off
MaK Hairdressing
Wednesday, Thursday and Friday
Open Late

QUESTION 8

A wedding party is booked in for style cuts on the morning of the wedding. The bride's cut costs $110. There are four bridesmaids and each cut costs $95. The bridal party has a '15% off' gift voucher as a present from some of the guests.

a What is the cost before the voucher?

Answer:

b By how much will the voucher reduce the price?

Answer:

c What is the final cost to the bridal party?

Answer:

QUESTION 9

A local salon approaches a high school and offers '15% off' vouchers to students wanting to have their haircut for the upcoming Year 11 formal. Eighty-three students decide to take up the offer. The cost of each cut before using the voucher is $55.00.

a What is the total cost for all 83 students to get their haircut before using the voucher?

Answer:

b What is the cost for one cut after using the '15% off' voucher?

Answer: