14. Rainfall for the last 5 days of a certain month are shown below

Day of the Week	Amount of Rainfall
Monday	2 inches
Tuesday	1.5 inches
Wednesday	1.5 inches
Thursday	2.5 inches
Friday	3 inches

(a) Which day had 0.5 inches more rain than Wednesday?

Answer: _____ [1]

(b) What was the modal amount of rainfall?

Answer: _____ [1]

(c) What is the average rainfall for the last 5 days?

Answer: _____ [3]

14. (a) Simplify

$5g + 3\,(2f - g)$

Answer: _____ [2]

(b) Factorize completely

$12a + 8ab$

Answer: _____ [2]

(c) Solve for h

$3h + 4 = 13$

Answer: _____ [2]

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14. Ashley weekly expenses are listed below.



Food store: $46.28

Gas station: $25.17

Lunch: $15.25

(a) Calculate the total amount of money she spends for the week.

Answer: _____ [2]

(b) Calculate her change from $100.

Answer: _____ [2]

14. (i) Simplify the following expression.

$3x + 8x - 12x$

Answer: _____ [1]

(ii) If $p = 6$, find the value of $p^2 + 7$.

Answer: _____ [3]

(iii) Solve for q:

$12q - 1 = 35$

Answer: _____ [2]

14. (a) Simplify

(i) $8m + 6m - 9m$

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Answer: _____ [1]

(ii) $5ab \times 3ac$

Answer: _____ [3]

(b) Solve for h

$$2h + 5 = 27$$

Answer: _____ [2]

14. Tommy picks 56 mangoes. Jackie picks 38 mangoes.

(a) Calculate the number of mangoes that were picked altogether.

Answer: _____ [2]

They used the mangoes to make jam and 15 mangoes were left over.

(b) Calculate the number of mangoes that were used to make the jam.

Answer: _____ [2]

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