1 (a) Work out $16 \div 4 + 3 \times 8$

.....

(1)

(Total for Question 1 is 1 marks)

2 (e) Write brackets in the following calculation so that the answer is correct.

$$42 - 6 \div 6 - 3 = 40$$

(1)

(Total for Question 2 is 1 marks)

3 (b) Write one pair of brackets in this calculation so that the answer is correct.

$$9 \times 8 - 5 - 2 = 25$$

(1)

(Total for Question 3 is 1 marks)

4 (b) Write a number on each dotted line to make the calculation correct.

(i) $10 - \ldots\ldots\ldots\ldots \times 2 = 4$

(1)

(ii) $(5 + \ldots\ldots\ldots\ldots) \times 3 = 36$

(1)

(Total for Question 4 is 2 marks)

5 (b) Use brackets to make the statement correct.
You may use more than one pair of brackets in the statement.

$$2^2 + 5 \times 2 + 3^2 = 99$$

(1)

(Total for Question 5 is 1 marks)

6 Finn is asked to find the value of $5 + 3^2 + 12$

Here is his working and his answer.

$$5 + 3^2 + 12 = 8^2 + 12$$
$$= 64 + 12$$
$$= 76$$

Finn's answer is wrong.

(a) Explain what Finn has done wrong in his working.

.....

.....

(1)

(b) Write one pair of brackets in this calculation so that the answer is correct.

$$2 \times 6 - 4^2 - 14 = 10$$

(1)

(c) Work out the value of $x^2 + 5y$ when $x = -3$ and $y = 2$

.....

(2)

(Total for Question 6 is 4 marks)