

GCSE MATHEMATICS

PLC PROJECT

INSTRUCTIONS:

Brackets 1

Content:

- Multiply out brackets expressions with brackets such as $5(3x-2)$
- Collecting like terms
- Factorise expressions
- Expand and simplify two expressions of the form $(x + n)$

Q 1

(a) Simplify $8c + 5d - c - 3d$.

.....
.....

Answer (2 marks)

(b) Use the formula $R = 6T + 2W$ to find W when $R = 46$ and $T = 4$

.....
.....

Answer $W =$ (3 marks)

(c) Solve the equations

(i) $5w - 4 = 41$

.....
.....

Answer $w =$ (2 marks)

(ii) $4(2x - 7) = 12$

.....
.....

Answer $x =$ (3 marks)

Total Mark/ 10

Total Mark / 10