

Essential Skills 8

The questions in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed



Multiplying out Brackets (Non Calculator)

Multiply out and simplify:

1. $3(x - 3) + 2(x - 5)$

2. $-7(2t - 3w) - 11(t - 1)$

3. $(x + 4)(x + 6)$

4. $(x - 8)(x - 7)$

5. $(3x + 4)(2x - 1)$

6. $(5x - 3)(x - 2)$

7. $(4x + 1)(3x - 2)$

8. $(x + 4)^2$

9. $(2x - 1)^2$

10. $(3s - 4t)^2$

APPLYING QUESTION



A garden has length $5y+2$ and breadth $2y + 1$.

A rectangular flower bed of length $2y - 3$ and breadth $y + 1$ is cut out the grass.

Find an expression in terms of y for the area of grass remaining

