ALGEBRA · YEAR 7

Expanding Single Brackets

Expand each bracket and simplify the expression.

Name _____ **Date** _____

Show your working. Multiply the number outside each bracket by every term inside. Then collect like terms to simplify.

EXPAND AND SIMPLIFY

QUESTIONS 1-12

1 $3(x + 4) + 2x$

2 $5(y - 2) + 3y$

3 $2(3a + 5) + a$

4 $4(2m - 3) - m$

5 $3(2p - 1) + 4p + 2$

6 $2(4n + 3) - 5n - 1$

7 $6(2r - 4) + 3r + 7$

8 $3(5t + 2) - 2t - 9$

9 $2(3q - 4) + 5q - 6$

10 $7(2w + 1) - 4w + 3$

11 $3(4c - 5) + 2c + 8$

12 $5(3d + 2) - 2d - 11$

Before you finish: I multiplied every term inside the brackets ☐ I collected like terms ☐