

# Simplifying Expressions

## Section A 🌶️

Simplify the following:

1)  $a + 5a + 2a + 3a =$

2)  $3a \times 4 =$

3)  $7b - 2b + 3b + 4b =$

4)  $8b \div 2 =$

5)  $2c + 4c - 3c + 5c =$

## Section C 🌶️🌶️🌶️

Simplify the following:

1)  $5(a + 3) =$

2)  $3(b + 4) =$

3)  $6(c - 2) =$

4)  $4(d - 5) =$

5)  $3(2e + 4) =$

6)  $7(6f - 2) =$

7)  $8(3 - 2g) =$

8)  $9(7 + 4h) =$

## Section B 🌶️🌶️🌶️

Simplify the following:

1)  $3a + 2b + 4c + 2a =$

2)  $5c + 2d + 3c + 4d =$

3)  $2b - b + 4a - 3c =$

4)  $5a + 2b + 6a - 2b =$

5)  $8h - 4g + 5g + 2h =$

6)  $7b + 6a - 5b + 3a =$

7)  $5k + 4j - 3k + 6j =$

8)  $3a + 2a - 5a + b =$

## Extension 🌶️🌶️🌶️🌶️

Work out what each of the bricks at the bottom simplify to, then add the 2 bricks next to each other to give the brick above them.

