

## Algebra - Expand and Simplify

Q1

Expand       $3(x - 6)$

(1)

Expand and simplify       $3(4w + 1) - 5(3w - 2)$

(3)

## Algebra - Expand and Simplify

**Q2**

(a) Simplify  $m + m + m + m$

.....  
(1)

(b) Simplify  $p \times q \times 4$

.....  
(1)

(c) Expand  $5(3x - 2)$

.....  
(1)

(d) Expand  $3y(y + 4)$

.....  
(2)

## Algebra - Expand and Simplify

Q1

Expand  $3(x - 6) = 3x - 18$

(1)

Expand and simplify  $3(4w + 1) - 5(3w - 2)$

$$= 12w + 3 - 15w + 10$$

$$= -3w + 13$$

(3)

## Algebra - Expand and Simplify

Q2

(a) Simplify  $m + m + m + m$

$$4m$$

.....  
(1)

(b) Simplify  $p \times q \times 4$

$$4pq$$

.....  
(1)

(c) Expand  $5(3x - 2)$

$$15x - 10$$

.....  
(1)

(d) Expand  $3y(y + 4)$

$$3y^2 + 12y$$

.....  
(2)