

## Simplifying expressions

---

### Question 1

Simplify

$$5x + 4y - x - y$$

.....

**(2 marks)**

---

### Question 2

Simplify

$$4p + 5q + p - 3q$$

.....

---

### Question 3

Simplify

$$4y + 2x - 3 + 3x + 8$$

.....

**(2 marks)**

---

### Question 4

Simplify

$$7x - 2(x - 3y) - 4y$$

.....

**(3 marks)**

---

**Question 5**

Simplify fully  $(2x + 3)^2 - (2x - 3)^2$

.....

**(3 marks)**

---

**Question 6**

Simplify

$$x^3 + x^3$$

.....

---

**Question 7**

Simplify

$$p^2 + p^2 + p^2$$

.....

**(1 mark)**

---

**Question 8**

Simplify  $3c \times 2d$

.....

**(1 mark)**

---

**Question 9**Simplify  $5y \times 4y^2$ 

.....  
(2 marks)

---

**Question 10**

Simplify

$$6k \times 3p$$

.....  
(1 mark)

---

**Question 11**

Simplify

$$\frac{3q^4 \times 2q^5}{q^3}$$

.....  
(2 marks)

---

**Question 12**

Simplify fully

$$3p^5q \times 4p^3q^2$$

.....  
(2 marks)

---

**Question 13**Simplify  $3m^2r \times 4m^3r^6$ 

.....

**(2 marks)**

---

**Question 14**

Simplify

$$(3x^2y^5)^4$$

.....

**(2 marks)**

---

**Question 15**

Simplify

$$y^5 \times y^9$$

.....

**(1 mark)**

---