

1 Simplify $3x + 4x - 2x$

(1 mark)

2 Simplify $3m + 3m$

(1 mark)

3 Simplify $n + n + n$

(1 mark)

4 (a) Simplify $a \times b \times c$

(1)

(b) Simplify $5p - 2p$

(1)

(c) Simplify $\frac{6h}{3}$

(1)

(3 marks)

5 Simplify $k + k + 8$

(1 mark)

6 (a) Simplify $4 \times 3x$

(1)

(b) Simplify $7a - 3a + 6a$

(1)

(2 marks)

7 Simplify $8g + 6h - 3g + h$

(2 marks)

8 (a) Simplify $3 \times b \times 9$

(1)

(b) Simplify $2x - 3y - 6x - 4y$

(2)

(3 marks)

9 Simplify $8c + 3d - c + 2d$

(2 marks)

10 (a) Simplify $f + f + f + f + f$

(1)

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

(2)

(3 marks)

11 (a) Simplify $2a \times 3b$

(1)

(b) Simplify $2p \times 2p$

(1)

(c) Simplify $\frac{7x + 5x}{4}$

(1)

(3 marks)

12 Simplify $11c - 8d + 5c - d$

(Total for question 12 is 2 marks)

13 (a) Simplify $3a \times 4b$

(1)

(b) Simplify $3x + 2y + 6x - y$

(2)

(3 marks)

- 14** (a) Simplify $a \times b \times 3$ (1)
(b) Simplify $y \times y \times y$ (1)
(c) Simplify $\frac{10d}{d}$ (1)
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- (3 marks)**

- 15** (a) Simplify $a \times 2 \times 5$ (1)
(b) Simplify $b \times b$ (1)
(c) Simplify $\frac{2y + 6y}{2}$ (1)
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- (3 marks)**

- 16** (a) Simplify $2t \times 7s$ (1)
(b) Simplify $7a + 4b - 3a - 5b$ (2)
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- (3 marks)**

- 17** (a) Simplify $6f - f$ (1)
(b) Simplify $7x^2 - 3x + 3x^2 + 6x$ (2)
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- (3 marks)**

- 18** Simplify $2 \times n \times 6 \times m$
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- (1 mark)**

- 19** (a) Simplify $6j \times 5k$ (1)
(b) Simplify $7a - 6b + 5a + 4b$ (2)
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- (3 marks)**

- 20** (a) Simplify $4n - 3n + 5n$ (1)
(b) Simplify $p^2 + p^2 + p^2$ (1)
(c) Simplify $5 + 2a + 7b - 6a + b$ (2)
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- (4 marks)**

- 21** (a) Simplify $a^2 + a^2 + a^2$ (1)
(b) Simplify $2rs - 5rs + 4rs$ (1)
(c) Simplify $4a + 2 - 7a + a - 6$ (2)
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- (4 marks)**

- 22** (a) Simplify $n + n + n - n$ (1)
(b) Simplify $3xy + 2xy - xy$ (1)
(c) Simplify $4a + 3b - a + 3b + 6$ (2)
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- (4 marks)**