



EXAM PAPERS PRACTICE

GCSE OCR Math J560

Expanding one bracket

Answers

*"We will help you to
achieve A Star "*



Answer 1

(a) Expand $4(3x + 5)$

$$= 4 \times 3x + 4 \times 5$$

$$= \underline{\underline{12x + 20}}$$

Answer 2

(a) Expand $3(2 + t)$

MULTIPLY OUT

$$= 3 \times 2 + 3 \times t$$

$$= \underline{\underline{6 + 3t}}$$



Answer 3

Expand $4(x + 2)$

$$= \underline{\underline{4x + 8}}$$

Answer 4

Expand and simplify $5(y - 2) + 2(y - 3)$

$$\begin{aligned} &= 5y - 10 + 2y - 6 \\ &= \underline{\underline{7y - 16}} \end{aligned}$$

Answer 5

(b) Expand and simplify $3(y + 2) + 4(x - 1)$

$$\begin{aligned} &= 3y + 6 + 4x - 4 \\ &= \underline{\underline{3y + 4x + 2}} \end{aligned}$$



Answer 6

Expand $x(x - 3)$

$$x(x - 3) = \underline{\underline{x^2 - 3x}}$$

Answer 7

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

$$= 3y - 6 + 10y + 5$$

$$= \underline{\underline{13y - 1}}$$

Answer 8

Expand $3(2y - 5)$ $3 \times (2y - 5)$

$$= \underline{\underline{6y - 15}}$$



Answer 9

(b) Expand and simplify $2(x - 4) + 3(x + 5)$

$$= 2x - 8 + 3x + 15$$
$$= \underline{\underline{5x + 7}}$$

Answer 10

(b) Expand $3x(2x + 5)$

$$= 3x \times 2x + 3x \times 5$$
$$= \underline{\underline{6x^2 + 15x}}$$

Answer 11

Expand $2m(m + 3)$

$$= \underline{\underline{2m^2 + 6m}}$$



Answer 12

(a) Expand $x(x + 2)$

$$= \underline{\underline{x^2 + 2x}}$$

Answer 13

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

$$= 3m + 12 - 8m - 2$$

$$= \underline{\underline{-5m + 10}}$$



Answer 14

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

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

$$= 5p + 15 - 2 + 4p$$

$$= \underline{\underline{9p + 13}}$$