

1. Expand $4(m + 3)$

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work out → $4 \dots 3 = \underline{\hspace{2cm}}$
 simplify → $4 \dots m = \dots \dots$
 $4(m + 3) = \dots \dots + \underline{\hspace{2cm}}$
 “invisible times sign” ↑

2. Expand $5(y + 2)$

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work out → $5 \dots 2 = \underline{\hspace{2cm}}$
 simplify → $5 \dots y = \dots \dots$
 $5(y + 2) = \dots \dots + \underline{\hspace{2cm}}$
 “invisible times sign” ↑

expand: linear (1) Q1 $4m + 12$ Q2: $5y + 10$ Q3 $2n + 10$ Q4 $4m + 8$

1. Expand $4(m + 3)$

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 $4(m + 3) = \dots \dots + \underline{\hspace{2cm}}$
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2. Expand $5(y + 2)$

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work out → $5 \dots 2 = \underline{\hspace{2cm}}$
 simplify → $5 \dots y = \dots \dots$
 $5(y + 2) = \dots \dots + \underline{\hspace{2cm}}$
 “invisible times sign” ↑

3. Expand $2(n + 5)$

$$\begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \bullet \\ \vdots \\ \bullet \end{array}$$

work out $\rightarrow 2 \dots 5 = \underline{\hspace{2cm}}$

simplify $\rightarrow 2 \dots n = \dots \dots$

$$2(n + 5) = \dots \dots + \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow

4. Expand $4(m + 2)$

$$\begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \bullet \\ \vdots \\ \bullet \end{array}$$

work out $\rightarrow 4 \dots 2 = \underline{\hspace{2cm}}$

simplify $\rightarrow 4 \dots m = \dots \dots$

$$4(m + 2) = \dots \dots + \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow

3. Expand $2(n + 5)$

$$\begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \bullet \\ \vdots \\ \bullet \end{array}$$

work out $\rightarrow 2 \dots 5 = \underline{\hspace{2cm}}$

simplify $\rightarrow 2 \dots n = \dots \dots$

$$2(n + 5) = \dots \dots + \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow

4. Expand $4(m + 2)$

$$\begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \bullet \\ \vdots \\ \bullet \end{array}$$

work out $\rightarrow 4 \dots 2 = \underline{\hspace{2cm}}$

simplify $\rightarrow 4 \dots m = \dots \dots$

$$4(m + 2) = \dots \dots + \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow