

# Expanding Brackets – Worksheet 2

**Instruction: Rewrite each bracket as multiplication. Do not simplify.**

1.  $2(q + 4)$

Multiply:  $2 \times q = \underline{\quad}$

Multiply:  $2 \times 4 = \underline{\quad}$

Expanded Form:

$2 \times q + 2 \times 4$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$

2.  $3(t + 3)$

Multiply:  $3 \times t = \underline{\quad}$

Multiply:  $3 \times 3 = \underline{\quad}$

Expanded Form:

$3 \times \underline{\quad} + 3 \times \underline{\quad}$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$

3.  $5(s + 2)$

Multiply:  $5 \times s = \underline{\quad}$

Multiply:  $5 \times 2 = \underline{\quad}$

Expanded Form:

$5 \times \underline{\quad} + 5 \times \underline{\quad}$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$

4.  $6(r + 1)$

Multiply:  $6 \times \underline{\quad} = \underline{\quad}$

Multiply:  $6 \times \underline{\quad} = \underline{\quad}$

Expanded Form:

$6 \times \underline{\quad} + 6 \times \underline{\quad}$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$

5.  $4(y + 3)$

Multiply:  $4 \times \underline{\quad} = \underline{\quad}$

Multiply:  $4 \times \underline{\quad} = \underline{\quad}$

Expanded Form:

$4 \times \underline{\quad} + 4 \times \underline{\quad}$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$

6.  $7(x + 1)$

Multiply:  $7 \times \underline{\quad} = \underline{\quad}$

Multiply:  $7 \times \underline{\quad} = \underline{\quad}$

Expanded Form:

$7 \times \underline{\quad} + 7 \times \underline{\quad}$

$\underline{\quad} + \underline{\quad}$

Expanded Form:  $\underline{\hspace{2cm}}$



**Tip** Brackets mean: Multiply the outside number by every term inside the bracket.

