

Expanding Brackets with Negatives - Worksheet 2

Instruction: Multiply the negative number outside the bracket by each term inside.

1. $-4(h + 3)$

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

Multiply: $-4 \times 3 = \underline{\quad}$

Expanded Form: $(-4 \times h) + (-4 \times 3)$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$

2. $-3(c + 5)$

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

Multiply: $-3 \times 5 = \underline{\quad}$

Expanded Form: $(-3 \times \underline{\quad}) + (-3 \times \underline{\quad})$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$

3. $-5(s - 2)$

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

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

Expanded Form: $(-5 \times \underline{\quad}) + (-5 \times \underline{\quad})$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$

4. $-6(y - 2)$

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

Multiply: $-6 \times -2 = \underline{\quad}$

Expanded Form: $(-6 \times \underline{\quad}) + (-6 \times \underline{\quad})$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$

5. $-2(d + 7)$

Multiply: $-2 \times d = \underline{\quad}$

Multiply: $-2 \times 7 = \underline{\quad}$

Expanded Form: $(-2 \times \underline{\quad}) + (-2 \times \underline{\quad})$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$

6. $-7(k - 1)$

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

Multiply: $-7 \times -1 = \underline{\quad}$

Expanded Form: $(-7 \times \underline{\quad}) + (-7 \times \underline{\quad})$
 $(\underline{\quad}) + (\underline{\quad})$

Answer: $\underline{\quad}$



Tip

Same signs = positive
 Different signs = negative

