

【觀念一】乘法分配律

(1) $a(b \pm c) =$ _____

(2) $a \times b \pm a \times c =$ _____

【觀念二】乘法對加法的分配律

(1) $(a+b)(c+d) =$ _____

(2) $(a-b)(c+d) =$ _____

(3) $(a+b)(c-d) =$ _____

(4) $(a-b)(c-d) =$ _____

例 1. 計算下列各式的值

(1) $99 \times 77 =$ _____

(2) $999 \times 777 =$ _____

(3) $9999 \times 7777 =$ _____

解：