Name: _____

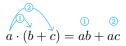
Expanding/ Removing Brackets

Use of brackets

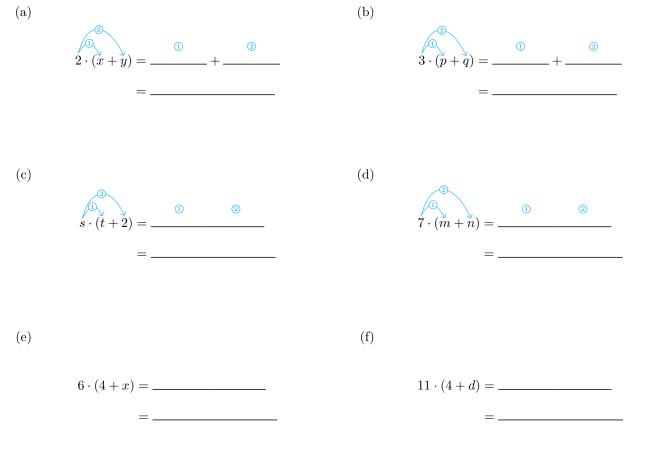
The sum of a and b is a + b. And so, twice the sum of a and b is 2(a + b). The brackets are used to indicate that the sum of a and b must be treated as a single number. That is a + b = (a + b)

Removing brackets

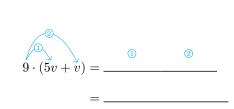
To remove the brackets, we use the **distributive law**. The distributive law states that

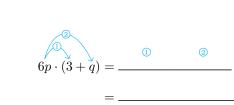


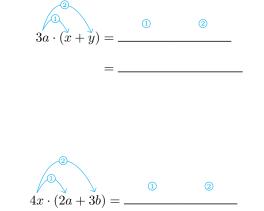
1. Simplify by removing the brackets











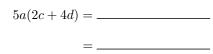
= ____

 $3a \cdot (x + y) = 1$

(l)

(h)

(j)



3k(9m + 7n) =_____ =_____



(i)

(g)

(k)