



Air maths tuition

Interact, engage and perform

Factor or Factorise by Grouping

$$\begin{aligned}ax - ay + bx - by &\equiv a(x - y) + b(x - y) \\ &\equiv (x - y)(a + b)\end{aligned}$$

$$\begin{aligned}ms + 2mt^2 - ns - 2nt^2 &\equiv m(s + 2t^2) - n(s + 2t^2) \\ &\equiv (s + 2t^2)(m - n)\end{aligned}$$

$$\begin{aligned}12a^2 - 8ab + 10b^2 - 15ab &\equiv 12a^2 - 8ab - 15ab + 10b^2 \\ &\equiv 4a(3a - 2b) - 5b(3a - 2b) \\ &\equiv (3a - 2b)(4a - 5b)\end{aligned}$$

With the acknowledgement of [Exam Solutions](#).
Find lots more revision sheets on [Air Maths Tuition](#).



Exam Solutions

maths made easy