

Objective: TBAT solve equations that contain brackets



Met

Partially
Met

Not Met

Work on the
following sections:

Column 1

Column 2

Extension

Column 1	Column 2
Expand the following: a) $3(y + 1)$ b) $5(z - 2)$ c) $10(2f + 7)$ d) $7(3e - 2)$ e) $a(a + 1)$	Solve the following: a) $3(2y - 1) = 21$ b) $2(2w - 4) = 12$ c) $3(2e + 9) = 39$ d) $2(4r - 5) = 14$ e) $4(3f - 2) = 28$
Solve the following: a) $3y + 1 = 13$ b) $5r - 3 = 27$ c) $2e - 3 = 13$ d) $2w + 4 = 10$ e) $3t - 7 = 8$	Alan is x years old. Barry is ten years younger than Alan. Kevin is double Alan's age. The sum of their ages is 54. (a) Form an equation in terms of x (b) Solve the equation and work out Alan's, Barry's and Kevin's ages.
Extension: Eric was completing the question below: Fiona is x years old. Thomas is 3 years older than Fiona. Cara is twice as old as Fiona. The sum of their ages is 51. (a) Form an equation in terms of x (b) Solve the equation and work out Fiona's, Thomas's and Cara's ages. His equation for part (a) is: $x + x + 3 + 3x + 3 = 51$ What mistake has Eric made? Correctly form the equation and answer both part (a) and (b) of the question.	