

General : Equations, Inequations & Brackets

Revision

2008 P2 Q8(a)	<p>(a) Solve algebraically</p> $7t - 3 = t + 45.$	3	
Ans	$t = 8$		
2007 P2 Q5	<p>(a) Simplify</p> $2(3x + 7) + 4(3 - x).$ <p>(b) Solve the inequality</p> $4a - 3 \geq 21.$	3	
Ans	$(a) 2x + 26 \quad (b) a \geq 6$		
2006 P2 Q6	<p>(b) Solve algebraically</p> $4x - 3 = x + 21.$	3	
Ans	$x = 8$		
2005 P2 Q5	<p>(a) Remove the brackets and simplify</p> $5 + 3(2x - 5).$ <p>(b) Solve the inequality</p> $3x - 5 \geq 13.$	2	
Ans	$(a) 6x - 10 \quad (b) x \geq 6$		
2004 P2 Q4	<p>(a) Solve algebraically</p> $5x - 2 = 2x + 19.$	3	
Ans	$x = 7$		
2003 P2 Q9	<p>(a) Multiply out the brackets and collect like terms</p> $3(2w + 1) + 2(8 - w).$ <p>(b) Solve the inequality</p> $3x - 4 < 11.$	3	
Ans	$(a) 4w + 19$		

2002 P2 Q9	(a) Solve algebraically the equation $4(3x + 2) = 68.$	3	
Ans	$x = 5$		
2001 P2 Q9	(a) Simplify $3(2x + 4) + 4(x - 2).$  (b) Solve algebraically the inequality $6x + 2 \leq 20.$	3	
Ans	(a) $10x + 4$ (b) $x \leq 3$		
2000 P2 Q8	(a) Solve <b>algebraically</b> the equation $4x - 5 = x + 22.$	2	
Ans	$x = 9$		