Algebra (Q 1 & 2, Paper 1)

Lesson No. 8: Inequalities

2002

2 (b) (i) Find the range of values of $x \in \mathbf{R}$ for which $x^2 + x - 20 \leq 0$.

2004

2 (b) (i) Solve the inequality $\frac{x+1}{x-1} < 4$, where $x \in \mathbf{R}$ and $x \neq 1$.

2003

2 (b) (i) Solve for x: $|4x + 7| < 1$.

2001

2 (b) (i) Solve for x: $|3x + 5| < 4$.

Answers

2002 2 (b) (i) $-5 \leq x \leq 4$

2004 2 (b) (i) $x < 1,\ x > \frac{5}{3}$

2003 2 (b) (i) $-2 < x < -\frac{3}{2}$

2001 2 (b) (i) $-3 < x < -\frac{1}{3}$