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solution is the set (—° °, 2). Solve 5 - 3* < 5x + 2. Answer 1 < x [Divide both sides by 8] In interval notation, the solution is the set (|,° ° ). Solve -7 < 2x + 5 < 9. Answer — 6 < x < 2 [Divide by 2] In interval notation, the solution is the set (—6,2). Solve 3 < 4x-1 < 5. Answer 1 s x < \ [Divide by 4] In interval notation, the solution is the set [1, |).

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This book provides an extensive collection of problems with detailed solutions in introductory and advanced matrix calculus. Supplementary problems in each chapter will challenge and excite the reader, ideal for both graduate and undergraduate mathematics and theoretical physics students.