Worksheet: Pair of Linear Equations in Two Variables

Karnataka State Board · Class 10 · Mathematics · 4 questions · 10 marks

Name: _____ Date: _____ Score: _____ / 10

Q1. What is the condition for a pair of linear equations to have NO solution? *[1 mark]*

Q2. Solve: x + y = 5 and x y = 1. *[1 mark]*

Q3. Solve by elimination: 2x + 3y = 7 and 4x y = 5. *[3 marks]*

Q4. A boat travels 30 km downstream in 2 hours and 18 km upstream in 2 hours. Find the speed of the boat in still water and the speed of the stream. *[5 marks]*