

Worksheet: Pair of Linear Equations in Two Variables

Uttar Pradesh 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]*
