Class 10 Mathematics
Linear Equations in Two Variables
PYQ Practice Book (2015–2025) with Solutions

Year 2015 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2016 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2017 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2018 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2019 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2020 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2021 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2022 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2023 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2024 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Year 2025 - Previous Year Question Style Practice

Q1. Draw the graph of the linear equation 2x + 1y = 11.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q2. Draw the graph of the linear equation 3x + 2y = 12.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q3. Draw the graph of the linear equation 4x + 3y = 13.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q4. Draw the graph of the linear equation 5x + 4y = 14.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Q5. Draw the graph of the linear equation 6x + 5y = 15.

Solution: Find two points by substituting values of x and y, plot them and join with a straight line.

Important Board-Type Question Set 1

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 2

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 3

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 4

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 5

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 6

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 7

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 8

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 9

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 10

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 11

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 12

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 13

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 14

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.

Important Board-Type Question Set 15

1. Verify whether (1,2) satisfies x + y = 3.

Answer: Substitute the values in the equation and compare LHS and RHS.

2. Verify whether (2,3) satisfies x + y = 5.

Answer: Substitute the values in the equation and compare LHS and RHS.

3. Verify whether (3,4) satisfies x + y = 7.

Answer: Substitute the values in the equation and compare LHS and RHS.

4. Verify whether (4,5) satisfies x + y = 9.

Answer: Substitute the values in the equation and compare LHS and RHS.