



MATHS

BOOKS - CHETANA MATHS (MARATHI ENGLISH)

Linear equation in two variables

Example

1. If $2x + y = -2$, $3x - y = 7$ then find the value of x .



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2. If $4x + y = 34$, $x + 4y = 16$ then find the value of $x+y$.



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3. Frame linear equations in two variables representing the given information. Difference between two complementary angles is 6.



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4. Solve $3x + y = 5$, $3x + 3y = 1$.



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Exercise

1. Write any two solutions of the equation.

$$x - 5y = 11.$$



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2. If $3x + 5y = 9$, $5x + 3y = 7$ then find the value of $x - y$.



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3. Frame linear equation in two variables representing the given information. Sum of two numbers is 103. If greater number is divided by smaller number then the quotient is 2 and the remainder is 19.



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4. Solve: $x + y = 11$, $2x - 3y = 7$



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5. If $x=1, y=a$ is the solution of equation $x + y = 18$, then find a .



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6. If $4x + 5y = 10$, $5x + 4y = 17$ then find the value of $x + y$ and $x - y$.



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