

# Linear equations in two variables

Paidisetty Rithik(paidisettyrithik@sriprakashschools.com)

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## 10<sup>th</sup> Maths - Chapter 3

This is Problem-3.5 from Exercise 3.2

1. On comparing the ratios  $\frac{a_1}{a_2}, \frac{b_1}{b_2}$  and  $\frac{c_1}{c_2}$ , find out whether the following pairs of linear equations are consistent, or inconsistent

$$\frac{4}{3}x + 2y = 8 \quad (1)$$

$$2x + 3y = 12 \quad (2)$$

$$(3)$$