

Pair of linear equation in two variables

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July 19, 2023

Class 10th Maths - Chapter 3

1. On comparing $\frac{a_1}{a_2}$, $\frac{b_1}{b_2}$, and $\frac{c_1}{c_2}$ Find out whether the following pair of linear equation are consistent or inconsistent

$$\frac{3}{2}x + \frac{5}{3}y = 7, \quad (1)$$

$$9x - 10y = 14 \quad (2)$$