

# linear equations in two variables

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July 18, 2023

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

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

$$5x - 3y = 11; \tag{1}$$

$$-10x + 6y = -22 \tag{2}$$