

Extended Response – Equations

Solve each equation below and show all of your work.

Equation A:

$$3x - 5 = 2(x - 3)$$

Equation B:

$$2(x - 4) = 10$$

Equation C:

$$4x - 2x + 3 = 3(2x - 1)$$

Which equation has one solution? Which equation has infinite solutions? Which equation has no solutions? Use evidence to support your response.

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Yicheng Fang

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