

A-REI Same solutions?

Task

Which of the following equations have the same solution? Give reasons for your answer that do not depend on solving the equations.

a. $x + 3 = 5x - 4$

b. $x - 3 = 5x + 4$

c. $2x + 8 = 5x - 3$

d. $10x + 6 = 2x - 8$

e. $10x - 8 = 2x + 6$

f. $0.3 + \frac{x}{10} = \frac{1}{2}x - 0.4$



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