***MAFS.8.EE.3 Analyze and solve linear equations and pairs of simultaneous linear equations.***

**MAFS.8.EE.3.7** Solve linear equations in one variable.

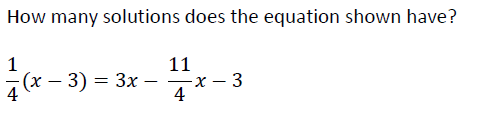
**MAFS.8.EE.3.7a** Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form 𝑥=𝑎 , 𝑎=𝑎, or 𝑎=𝑏 results (where 𝑎 and 𝑏 are different numbers).

**MAFS.8.EE.3.7b** Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.

**Item Type**

**Open Response**

*Teachers, in order for your students to have practice with this type of Technology-Enhanced Item (TEI) Type for the FSA, have them complete their answer in the given text box.*

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