**Tell whether each equation is true, false, or open. Explain.**

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**Tell whether the given number is a solution of each equation.**

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|  | when |  | when |  | when |

**Use a table to find the solution of each equation.**

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**Use a table to find two consecutive integers between which the solution lies.**

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**Write an equation for each sentence.**

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|  | The difference of a number and seventeen is twenty one. |
|  | Nine times a number plus three is equal to fifteen. |
|  | The product of seven and three is twelve times a number . |

**ANSWER**

**Tell whether each equation is true, false, or open. Explain.**

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| --- | --- | --- | --- | --- | --- |
|  | **TRUE** |  | **FALSE** |  | **variable**  **OPEN** |

**Tell whether the given number is a solution of each equation.**

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|  | when |  | when |  | when |

**Use a table to find the solution of each equation.**

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**Use a table to find two consecutive integers between which the solution lies.**

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**Write an equation for each sentence.**

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