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

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**Find the solution of each equation.**

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**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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**Find the solution of each equation using a table. If the solution lies between two consecutive integers, identify those integers.**

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**Write an equation for each sentence.**

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|  | The ratio of nine and a number is equal to the square of a number . |
|  | A number more than seven is equal to the product of a number and twenty. |
|  | The product of five and eight is equal to the product of twenty and a number . |
|  | The sum of a number and fourteen is negative six. |

**ANSWER**

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

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

**Find the solution of each equation.**

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**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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**Find the solution of each equation using a table. If the solution lies between two consecutive integers, identify those integers.**

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**Write an equation for each sentence.**

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