

Name: _____

Score: _____

Existence of the Solution

MS1

Identify the correct choice:

1) $ -x - 1 = 18$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	2) $\left \frac{x}{5} + 7\right = 6$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	3) $ x - 2 = -7$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>
4) $- x + 9 = 21$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	5) $ x - 4 = 14$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	6) $\frac{ x+6 }{2} = 2$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>
7) $-\left \frac{x+1}{7}\right = 1$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	<div style="border: 2px solid blue; padding: 10px;"> <h1 style="color: blue; margin: 0;">PREVIEW</h1> <p style="color: blue; font-weight: bold; margin: 5px 0;">Gain complete access to the largest collection of worksheets in all subjects!</p> <div style="display: flex; justify-content: space-around; margin: 5px 0;"> <div style="background-color: blue; color: white; padding: 5px; transform: rotate(-2deg);"> <p>Members, please log in to download this worksheet.</p> </div> <div style="background-color: blue; color: white; padding: 5px; transform: rotate(2deg);"> <p>Not a member? Please sign up to gain complete access.</p> </div> </div> <p style="color: blue; font-size: small; margin: 5px 0;">www.mathworksheets4kids.com</p> </div>	
10) $ 2 - x = 9$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	11) $ x + 6 = 3$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	12) $ x + 4 = 5$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>
13) $\frac{ 5x }{8} = 2$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	14) $ x + 6 = 3$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	15) $\left \frac{x}{6}\right + 1 = 18$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>
16) $\left -\frac{2x+7}{12}\right = 17$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	17) $-\left \frac{x}{3} - 5\right = 4$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>	18) $ 4x + 6 = 10$ a) Solution Exists b) No Solution Correct choice: <input type="checkbox"/>

Name: _____

Answer key

Score: _____

Existence of the Solution

MS1

1) $ -x - 1 = 18$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	2) $\left \frac{x}{5} + 7\right = 6$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	3) $ x - 2 = -7$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="b"/>
4) $- x + 9 = 21$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="b"/>	5) $ x - 4 = 14$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	6) $\frac{ x+6 }{-3} = 2$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="b"/>
7) $-\left \frac{x+1}{7}\right = 1$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	8) $ x + 4 = 5$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	9) $ x + 6 = 3$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>
10) $ 2 - x = 9$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	11) $\frac{ 5x }{8} = 2$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	12) $\frac{x}{6} + 1 = 18$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="b"/>
13) $\left -\frac{2x+7}{12}\right = 17$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>	14) $-\left \frac{x}{3} - 5\right = 4$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="b"/>	15) $ 4x + 6 = 10$ a) Solution Exists b) No Solution Correct choice: <input type="text" value="a"/>

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