Name: _____ Score:

Existence of the Solution

ES1

Identify the correct choice:

1) $\lvert x \rvert = 24$ a) Solution Exists b) No Solution Correct choice:	2) $-\left\lvert \frac{x}{2} \right\rvert = 9$ a) Solution Exists b) No Solution Correct choice:	3) $-\lvert x \rvert = 24$ a) Solution Exists b) No Solution Correct choice:
4) $\lvert -x \rvert = 81$ a) Solution Exists b) No Solution Correct choice:	5) $\lvert x \rvert = 17$ a) Solution Exists b) No Solution Correct choice:	6) $\frac{\lvert x \rvert}{-4} = 9$ a) Solution Exists b) No Solution Correct choice:
7) $-\left\lvert \frac{x}{7} \right\rvert = 56$ a) Solution Exists b) No Solution Correct choice:	8) $\lvert -x \rvert = 92$ a) Solution Exists b) No Solution Correct choice:	9) $\left\lvert \frac{x}{2} \right\rvert = 8$ a) Solution Exists b) No Solution Correct choice:
10) $\left\lvert -\frac{x}{6} \right\rvert = 12$ a) Solution Exists b) No Solution Correct choice:	11) $\lvert x \rvert = -20$ a) Solution Exists b) No Solution Correct choice:	12) $\lvert x \rvert = 35$ a) Solution Exists b) No Solution Correct choice:
13) $-\lvert x \rvert = 34$ a) Solution Exists b) No Solution Correct choice:	14) $\lvert -x \rvert = 46$ a) Solution Exists b) No Solution Correct choice :	15) $-\left\lvert -\frac{x}{8} \right\rvert = 64$ a) Solution Exists b) No Solution Correct choice:
16) $\left\lvert -\frac{x}{7} \right\rvert = 14$ a) Solution Exists b) No Solution Correct choice:	17) $-\left\lvert \frac{x}{10} \right\rvert = 5$ a) Solution Exists b) No Solution Correct choice:	18) $-\lvert x \rvert = 28$ a) Solution Exists b) No Solution Correct choice:

Name: _____ **Answer key** Score:

Existence of the Solution

ES1

1) $\lvert x \rvert = 24$ a) Solution Exists b) No Solution Correct choice: *a*	2) $-\left\lvert \frac{x}{2} \right\rvert = 9$ a) Solution Exists b) No Solution Correct choice: *b*	3) $-\lvert x \rvert = 24$ a) Solution Exists b) No Solution Correct choice: *b*
4) $\lvert -x \rvert = 81$ a) Solution Exists b) No Solution Correct choice: *a*	5) $\lvert x \rvert = 17$ a) Solution Exists b) No Solution Correct choice: *a*	6) $\frac{\lvert x \rvert}{-4} = 9$ a) Solution Exists b) No Solution Correct choice: *b*
7) $-\left\lvert \frac{x}{7} \right\rvert = 56$ a) Solution Exists b) No Solution Correct choice: *b*	8) $\lvert -x \rvert = 92$ a) Solution Exists b) No Solution Correct choice: *a*	9) $\left\lvert \frac{x}{2} \right\rvert = 8$ a) Solution Exists b) No Solution Correct choice: *a*
10) $\left\lvert -\frac{x}{6} \right\rvert = 12$ a) Solution Exists b) No Solution Correct choice: *a*	11) $\lvert x \rvert = -20$ a) Solution Exists b) No Solution Correct choice: *b*	12) $\lvert x \rvert = 35$ a) Solution Exists b) No Solution Correct choice: *a*
13) $-\lvert x \rvert = 34$ a) Solution Exists b) No Solution Correct choice: *b*	14) $\lvert -x \rvert = 46$ a) Solution Exists b) No Solution Correct choice : *a*	15) $-\left\lvert -\frac{x}{8} \right\rvert = 64$ a) Solution Exists b) No Solution Correct choice: *b*
16) $\left\lvert -\frac{x}{7} \right\rvert = 14$ a) Solution Exists b) No Solution Correct choice: *a*	17) $-\left\lvert \frac{x}{10} \right\rvert = 5$ a) Solution Exists b) No Solution Correct choice: *b*	18) $-\lvert x \rvert = 28$ a) Solution Exists b) No Solution Correct choice: *b*

Name: _____ Score:

Existence of the Solution

ES2

Identify the correct choice:

1) $\lvert -x \rvert = 2$ a) Solution Exists b) No Solution Correct choice:	2) $\lvert x \rvert = 15$ a) Solution Exists b) No Solution Correct choice:	3) $-\lvert x \rvert = 9$ a) Solution Exists b) No Solution Correct choice:
4) $\lvert x \rvert = 7$ a) Solution Exists b) No Solution Correct choice:	5) $-\lvert x \rvert = 13$	6) $\left\lvert \frac{x}{2} \right\rvert = 4$ on Exists lution hoice:
7) $-\lvert x \rvert = -6$ a) Solution Exists b) No Solution Correct choice:		$= -11$ on Exists lution hoice:
10) $\lvert -x \rvert = -5$ a) Solution Exists b) No Solution Correct choice:		$\lvert = 3$ on Exists lution hoice:
13) $\frac{\lvert x \rvert}{2} = 10$ a) Solution Exists b) No Solution Correct choice:		$x \rvert = 14$ on Exists b) No Solution Correct choice:
16) $-\lvert x \rvert = 1$ a) Solution Exists b) No Solution Correct choice:	17) $-\lvert x \rvert = -2$ a) Solution Exists b) No Solution Correct choice:	18) $\lvert x \rvert = -17$ a) Solution Exists b) No Solution Correct choice:

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Name: _____ **Answer key** Score:

Existence of the Solution

ES2

1) $\lvert -x \rvert = 2$ a) Solution Exists b) No Solution Correct choice: *a*	2) $\lvert x \rvert = 15$ a) Solution Exists b) No Solution Correct choice: *a*	3) $-\lvert x \rvert = 9$ a) Solution Exists b) No Solution Correct choice: *b*
4) $\lvert x \rvert = 7$ a) Solution Exists b) No Solution Correct choice:	5) $-\lvert x \rvert = 13$	6) $\left\lvert \frac{x}{2} \right\rvert = 4$ on Exists lution hoice: *a*
7) $-\lvert x \rvert = -6$ a) Solution Exists b) No Solution Correct choice:		$= -11$ on Exists lution hoice: *b*
10) $\lvert -x \rvert = -5$ a) Solution Exists b) No Solution Correct choice:		$\lvert = 3$ on Exists lution hoice: *a*
13) $\frac{\lvert x \rvert}{2} = 10$ a) Solution Exists b) No Solution Correct choice: *a*		$x \rvert = 14$ on Exists lution Correct choice: *b*
16) $-\lvert x \rvert = 1$ a) Solution Exists b) No Solution Correct choice: *b*	17) $-\lvert x \rvert = -2$ a) Solution Exists b) No Solution Correct choice: *a*	18) $\lvert x \rvert = -17$ a) Solution Exists b) No Solution Correct choice: *b*

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