

NAME: \_\_\_\_\_

PER. \_\_\_\_\_

Day 7a



# WHERE DO LIBRARY BOOKS LIKE TO SLEEP?

Use substitution to find the value for  $x$  that makes the equation true.

<p>① <math>x + 3 = 12</math></p> <p>Ⓐ <math>x = 15</math> Ⓘ <math>x = 9</math></p>	<p>② <math>-5x = -15</math></p> <p>Ⓓ <math>x = 3</math> Ⓑ <math>x = -3</math></p>	<p>③ <math>x - 6 = -2</math></p> <p>Ⓞ <math>x = 4</math> Ⓖ <math>x = -4</math></p>	<p>④ <math>\frac{x}{-3} = -6</math></p> <p>Ⓞ <math>x = -18</math> Ⓔ <math>x = 18</math></p>
<p>⑤ <math>2x + 4 = 10</math></p> <p>Ⓣ <math>x = 6</math> Ⓗ <math>x = 3</math></p>	<p>⑥ <math>3x - 2 = -14</math></p> <p>Ⓢ <math>x = 4</math> Ⓡ <math>x = -4</math></p>	<p>⑦ <math>3(x + 2) = 21</math></p> <p>Ⓤ <math>x = 5</math> Ⓝ <math>x = 7</math></p>	<p>⑧ <math>2(2x - 1) = 10</math></p> <p>Ⓓ <math>x = -3</math> Ⓢ <math>x = 3</math></p>
<p>⑨ <math>-4x - 3 = 13</math></p> <p>Ⓔ <math>x = 4</math> Ⓡ <math>x = -4</math></p>	<p>⑩ <math>\frac{x}{2} - 7 = 17</math></p> <p>Ⓞ <math>x = 20</math> Ⓔ <math>x = 48</math></p>	<p>⑪ <math>-x - 6 = 8</math></p> <p>Ⓡ <math>x = -14</math> Ⓜ <math>x = 14</math></p>	<p>⑫ <math>\frac{x}{-3} + (-2) = 9</math></p> <p>Ⓨ <math>x = 18</math> Ⓔ <math>x = -33</math></p>
<p>⑬ <math>\frac{1}{2}(x + 4) = 8</math></p> <p>Ⓒ <math>x = 12</math> Ⓐ <math>x = 4</math></p>	<p>⑭ <math>-\frac{1}{2}(x - 6) = -5</math></p> <p>Ⓔ <math>x = -6</math> Ⓝ <math>x = 16</math></p>	<p>⑮ <math>-5(x - 3) = 5</math></p> <p>Ⓕ <math>x = -1</math> Ⓣ <math>x = 2</math></p>	<p>⑯ <math>2x - 3(x - 2) = 2</math></p> <p>Ⓥ <math>x = 4</math> Ⓖ <math>x = -9</math></p>

7	14	2	12	9	15	5	10	1	6	13	3	16	4	11	8