

### Why Did the Vampire Sleepwalk in His Room?

Solve each equation and find your combination. Notice the letter next to the solution. Write this letter in the box containing the answer number. If the solution has a  shade in the box instead of writing a letter in it.

<table style="width: 100%;"> <tr> <td style="width: 50%; padding: 5px;"><input type="checkbox"/> 1 <math>y = 10x + 4</math></td> <td style="width: 50%; padding: 5px;"><input type="checkbox"/> 2 <math>x + 3(2y) = 10</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 3 <math>x = 10y + 2</math></td> <td style="padding: 5px;"><input type="checkbox"/> 4 <math>x = 2(2y) + 10</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 5 <math>3x = 10y</math></td> <td style="padding: 5px;"><input type="checkbox"/> 6 <math>-3y = 10x</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 7 <math>\frac{3x}{2} = 10y</math></td> <td style="padding: 5px;"><input type="checkbox"/> 8 <math>\frac{-3}{2}y = 10</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 9 <math>-3(2y) = 10x</math></td> <td style="padding: 5px;"><input type="checkbox"/> 10 <math>-10x = -3y</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 11 <math>-3x = 2</math></td> <td style="padding: 5px;"><input type="checkbox"/> 12 <math>20x = x + 10</math></td> </tr> </table>	<input type="checkbox"/> 1 $y = 10x + 4$	<input type="checkbox"/> 2 $x + 3(2y) = 10$	<input type="checkbox"/> 3 $x = 10y + 2$	<input type="checkbox"/> 4 $x = 2(2y) + 10$	<input type="checkbox"/> 5 $3x = 10y$	<input type="checkbox"/> 6 $-3y = 10x$	<input type="checkbox"/> 7 $\frac{3x}{2} = 10y$	<input type="checkbox"/> 8 $\frac{-3}{2}y = 10$	<input type="checkbox"/> 9 $-3(2y) = 10x$	<input type="checkbox"/> 10 $-10x = -3y$	<input type="checkbox"/> 11 $-3x = 2$	<input type="checkbox"/> 12 $20x = x + 10$	<table style="width: 100%;"> <tr> <td style="width: 50%; padding: 5px;"><input type="checkbox"/> 13 <math>10x = x + 2</math></td> <td style="width: 50%; padding: 5px;"><input type="checkbox"/> 14 <math>-10x = 3y</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 15 <math>y = 2(2y) + 10</math></td> <td style="padding: 5px;"><input type="checkbox"/> 16 <math>-4y = -10x</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 17 <math>\frac{-3}{2}x = -10</math></td> <td style="padding: 5px;"><input type="checkbox"/> 18 <math>10x = \frac{-3}{2}y</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 19 <math>x + 10 = -10y</math></td> <td style="padding: 5px;"><input type="checkbox"/> 20 <math>-10x + 10 = 10</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 21 <math>10 = 3y</math></td> <td style="padding: 5px;"><input type="checkbox"/> 22 <math>-10x + 10 = -3</math></td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> 23 <math>\frac{x}{10} = -10</math></td> <td style="padding: 5px;"><input type="checkbox"/> 24 <math>-3y = -10</math></td> </tr> </table>	<input type="checkbox"/> 13 $10x = x + 2$	<input type="checkbox"/> 14 $-10x = 3y$	<input type="checkbox"/> 15 $y = 2(2y) + 10$	<input type="checkbox"/> 16 $-4y = -10x$	<input type="checkbox"/> 17 $\frac{-3}{2}x = -10$	<input type="checkbox"/> 18 $10x = \frac{-3}{2}y$	<input type="checkbox"/> 19 $x + 10 = -10y$	<input type="checkbox"/> 20 $-10x + 10 = 10$	<input type="checkbox"/> 21 $10 = 3y$	<input type="checkbox"/> 22 $-10x + 10 = -3$	<input type="checkbox"/> 23 $\frac{x}{10} = -10$	<input type="checkbox"/> 24 $-3y = -10$
<input type="checkbox"/> 1 $y = 10x + 4$	<input type="checkbox"/> 2 $x + 3(2y) = 10$																								
<input type="checkbox"/> 3 $x = 10y + 2$	<input type="checkbox"/> 4 $x = 2(2y) + 10$																								
<input type="checkbox"/> 5 $3x = 10y$	<input type="checkbox"/> 6 $-3y = 10x$																								
<input type="checkbox"/> 7 $\frac{3x}{2} = 10y$	<input type="checkbox"/> 8 $\frac{-3}{2}y = 10$																								
<input type="checkbox"/> 9 $-3(2y) = 10x$	<input type="checkbox"/> 10 $-10x = -3y$																								
<input type="checkbox"/> 11 $-3x = 2$	<input type="checkbox"/> 12 $20x = x + 10$																								
<input type="checkbox"/> 13 $10x = x + 2$	<input type="checkbox"/> 14 $-10x = 3y$																								
<input type="checkbox"/> 15 $y = 2(2y) + 10$	<input type="checkbox"/> 16 $-4y = -10x$																								
<input type="checkbox"/> 17 $\frac{-3}{2}x = -10$	<input type="checkbox"/> 18 $10x = \frac{-3}{2}y$																								
<input type="checkbox"/> 19 $x + 10 = -10y$	<input type="checkbox"/> 20 $-10x + 10 = 10$																								
<input type="checkbox"/> 21 $10 = 3y$	<input type="checkbox"/> 22 $-10x + 10 = -3$																								
<input type="checkbox"/> 23 $\frac{x}{10} = -10$	<input type="checkbox"/> 24 $-3y = -10$																								

**Answers 1-12:**

<input type="checkbox"/> 1 $x = 2$	<input type="checkbox"/> 2 $x = 10$	<input type="checkbox"/> 3 $x = 10$
<input checked="" type="checkbox"/> 4 $x = 10$	<input type="checkbox"/> 5 $x = 10$	<input type="checkbox"/> 6 $x = 10$
<input type="checkbox"/> 7 $x = 10$	<input type="checkbox"/> 8 $x = 10$	<input type="checkbox"/> 9 $x = 10$
<input type="checkbox"/> 10 $x = 10$	<input type="checkbox"/> 11 $x = 10$	<input type="checkbox"/> 12 $x = 10$

**Answers 13-24:**

<input type="checkbox"/> 13 $x = 10$	<input type="checkbox"/> 14 $x = 10$	<input type="checkbox"/> 15 $x = 10$	<input type="checkbox"/> 16 $x = 10$
<input type="checkbox"/> 17 $x = 10$	<input type="checkbox"/> 18 $x = 10$	<input type="checkbox"/> 19 $x = 10$	<input type="checkbox"/> 20 $x = 10$
<input type="checkbox"/> 21 $x = 10$	<input type="checkbox"/> 22 $x = 10$	<input type="checkbox"/> 23 $x = 10$	<input type="checkbox"/> 24 $x = 10$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----