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# Introduction to Algebra

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Evaluate  $11x - 5$  when  $x = 3$ .

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2. Simplify:  $12x + 4 + 3x + 11$

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3. Find the value of  $11x + 10y$  when  $x = 8$  and  $y = 3$ .

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4. Evaluate  $3x - 9$  when  $x = 7$ .

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5. Simplify:  $5x + 4 + 5x + 5$

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6. Find the value of  $6x + 2y$  when  $x = 7$  and  $y = 3$ .

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7. Evaluate  $9x + 7$  when  $x = 6$ .

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8. Simplify:  $4x + 7 + 6x + 8$

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9. Find the value of  $5x + 2y$  when  $x = 3$  and  $y = 6$ .

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10. Evaluate  $2x - 3$  when  $x = 8$ .

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11. Simplify:  $6x + 12 + x + 1$

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12. Find the value of  $4x + 5y$  when  $x = 2$  and  $y = 6$ .

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# Introduction to Algebra

1. 28
2.  $15x + 15$
3. 118
4. 12
5.  $10x + 9$
6. 48
7. 61
8.  $10x + 15$
9. 27
10. 13
11.  $7x + 13$
12. 38