

## Matching Algebraic Expressions

Match each algebraic expression with the correct situation.

- |                        |  |
|------------------------|--|
| a. _____ $x + 12$      | 1. The music festival was seven times bigger than last year. |
| b. _____ $10 - x$      | 2. Andy lost three of his toy cars from his $x$ collection.  |
| c. _____ $3 + x$       | 3. Lulu has a dozen eggs for $x$ omelets.                    |
| d. _____ $\frac{x}{3}$ | 4. Carl was told to wait ten minutes, but it took $x$ more.  |



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- |                        |   |
|------------------------|---|
| i. _____ $\frac{x}{7}$ | 9. The $x$ -member chorus added 12 new singers.                   |
| j. _____ $9 - x$       | 10. Alex knocked down $x$ of the ten pins in bowling.             |
| k. _____ $10 + x$      | 11. Ann spent seven days in England and $x$ days in France.       |
| l. _____ $7 - x$       | 12. There were twelve rows with $x$ chairs for the ceremony.      |
| m. _____ $9x$          | 13. John spent $x$ of his \$9 on ice cream.                       |
| n. _____ $7x$          | 14. Taylor split $x$ friendship bracelets with her seven friends. |
| o. _____ $x - 3$       | 15. Jess bought three novels to add to her $x$ book collection.   |

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1. The music festival was seven times bigger than last year.

b. 10  $10 - x$

2. Andy lost three of his toy cars from his  $x$  collection.

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c. 2  $x - 3$

15. Jess bought three novels to add to her  $x$  book collection.