

Translation Practice

Name _____

Match the phrase on the left with the correct algebraic expression on the right. The answers on the right will be used more than once.

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|-----------|---------------------------|------------------|
| 1. _____ | 2 more than y | A. $y - 2$ |
| 2. _____ | 2 divided into y | B. $2y$ |
| 3. _____ | 2 less than y | C. $y + 2$ |
| 4. _____ | twice y | D. $\frac{y}{2}$ |
| 5. _____ | the quotient of y and 2 | E. $2 - y$ |
| 6. _____ | y increased by 2 | |
| 7. _____ | 2 less y | |
| 8. _____ | the product of 2 and y | |
| 9. _____ | y decreased by 2 | |
| 10. _____ | y doubled | |
| 11. _____ | 2 minus y | |
| 12. _____ | the total of 2 and y | |

Now practice writing parts of algebraic expressions from the following word problems.

EXAMPLE: the product of 3 and a number, t Answer: $3t$

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|-------------------------------|-------|-------------------------------------|-------|
| 13. 3 less than x | _____ | 23. bacteria culture, b , doubled | _____ |
| 14. y divided among 10 | _____ | 24. triple John's age, y | _____ |
| 15. the sum of t and 5 | _____ | 25. a number, n , plus 4 | _____ |
| 16. n minus 14 | _____ | 26. quantity, t , less 6 | _____ |
| 17. 5 times k | _____ | 27. 18 divided by a number, x | _____ |
| 18. the total of z and 12 | _____ | 28. n feet lower than 10 | _____ |
| 19. double the number b | _____ | 29. 3 more than p | _____ |
| 20. x increased by 1 | _____ | 30. the product of 4 and m | _____ |
| 21. the quotient of t and 4 | _____ | 31. a number, y , decreased by 20 | _____ |
| 22. half of a number y | _____ | 32. 5 times as much as x | _____ |