

# Translating Algebraic Phrases (E) Answers

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

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

Write an algebraic expression for each phrase.

- |  |                |
|--|----------------|
| 1. a number $h$ multiplied by forty-six                | $46h$          |
| 2. the total of eighty-two and a number $t$            | $82 + t$       |
| 3. the product of a number $r$ and twenty-three        | $r \times 23$  |
| 4. the sum of a number $y$ and eighty-three            | $y + 83$       |
| 5. a number $c$ plus thirty                            | $c + 30$       |
| 6. the difference between fifty-two and a number $b$   | $52 - b$       |
| 7. sixty-seven to the $s^{\text{th}}$ power            | $67^s$         |
| 8. fifty more than a number $d$                        | $d + 50$       |
| 9. the sum of twenty-six and a number $p$              | $26 + p$       |
| 10. a number $g$ to the power of fifteen               | $g^{15}$       |
| 11. a number $x$ divided by seventy                    | $\frac{x}{70}$ |
| 12. the difference between a number $m$ and fifty-five | $m - 55$       |
| 13. twenty subtracted from a number $n$                | $n - 20$       |
| 14. a number $z$ minus fifty-five                      | $z - 55$       |
| 15. fifty-four less than a number $f$                  | $f - 54$       |
| 16. thirty-seven times a number $j$                    | $37j$          |
| 17. a number $w$ increased by sixty-eight              | $w + 68$       |
| 18. a number $v$ added to seventeen                    | $17 + v$       |
| 19. the quotient of a number $k$ and seventy-five      | $\frac{k}{75}$ |
| 20. twenty-two divided by a number $q$                 | $\frac{22}{q}$ |

# Translating Algebraic Phrases (G) Answers

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

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

Write an algebraic expression for each phrase.

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|---|----------------|
| 1. a number $m$ minus three                             | $m - 3$        |
| 2. a number $c$ increased by sixty-seven                | $c + 67$       |
| 3. a number $k$ multiplied by sixty-nine                | $69k$          |
| 4. the sum of a number $s$ and ten                      | $s + 10$       |
| 5. the quotient of forty-two and a number $b$           | $\frac{42}{b}$ |
| 6. seventy-eight to the $v^{\text{th}}$ power           | $78^v$         |
| 7. four times a number $n$                              | $4n$           |
| 8. sixty-five more than a number $w$                    | $w + 65$       |
| 9. the product of eighty-seven and a number $f$         | $87f$          |
| 10. sixty-five added to a number $h$                    | $h + 65$       |
| 11. the quotient of a number $y$ and fifty-eight        | $\frac{y}{58}$ |
| 12. a number $r$ divided by forty-two                   | $\frac{r}{42}$ |
| 13. a number $x$ to the power of thirty                 | $x^{30}$       |
| 14. two subtracted from a number $g$                    | $g - 2$        |
| 15. a number $q$ plus sixty-three                       | $q + 63$       |
| 16. eighty-five divided by a number $t$                 | $\frac{85}{t}$ |
| 17. four less than a number $j$                         | $j - 4$        |
| 18. the total of sixty-two and a number $z$             | $62 + z$       |
| 19. a number $p$ decreased by ten                       | $p - 10$       |
| 20. the difference between a number $d$ and fifty-three | $d - 53$       |