

## Translating Algebraic Phrases (B)

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

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

Write an algebraic expression for each phrase.

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

## Translating Algebraic Phrases (B) Answers

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

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

Write an algebraic expression for each phrase.

- |   |                |
|---|----------------|
| 1. a number $d$ minus seventeen                       | $d - 17$       |
| 2. a number $w$ added to fifty                        | $50 + w$       |
| 3. a number $c$ to the power of eighty-four           | $c^{84}$       |
| 4. the product of ninety-two and a number $p$         | $92p$          |
| 5. the difference between a number $k$ and fifty-four | $k - 54$       |
| 6. the quotient of twenty-three and a number $f$      | $\frac{23}{f}$ |
| 7. a number $q$ plus ninety-eight                     | $q + 98$       |
| 8. the sum of seventy-seven and a number $t$          | $77 + t$       |
| 9. the quotient of a number $h$ and thirty-nine       | $\frac{h}{39}$ |
| 10. fifty-four added to a number $v$                  | $v + 54$       |
| 11. ninety-seven times a number $m$                   | $97m$          |
| 12. sixty-seven subtracted from a number $z$          | $z - 67$       |
| 13. a number $b$ increased by three                   | $b + 3$        |
| 14. thirty-five less than a number $g$                | $g - 35$       |
| 15. a number $y$ multiplied by thirty-five            | $35y$          |
| 16. a number $j$ divided by sixteen                   | $\frac{j}{16}$ |
| 17. the total of sixty and a number $r$               | $60 + r$       |
| 18. fifty-five to the $s^{\text{th}}$ power           | $55^s$         |
| 19. the difference between eight and a number $x$     | $8 - x$        |
| 20. forty-four more than a number $n$                 | $n + 44$       |