

Translating Algebraic Phrases (J)

Name: _____

Date: _____

Write an algebraic expression for each phrase.

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

Translating Algebraic Phrases (J) Answers

Name: _____

Date: _____

Write an algebraic expression for each phrase.

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|---|----------------|
| 1. twenty-six added to a number k | $k + 26$ |
| 2. the difference between a number z and sixty | $z - 60$ |
| 3. the quotient of twenty-three and a number y | $\frac{23}{y}$ |
| 4. the difference between ninety-seven and a number p | $97 - p$ |
| 5. the product of eighty-nine and a number r | $89r$ |
| 6. two times a number t | $2t$ |
| 7. a number j to the power of eighty-five | j^{85} |
| 8. a number m increased by fifty-eight | $m + 58$ |
| 9. twenty to the v^{th} power | 20^v |
| 10. a number w plus ten | $w + 10$ |
| 11. a number s multiplied by seventy-one | $71s$ |
| 12. a number q divided by forty-three | $\frac{q}{43}$ |
| 13. a number d minus ninety-nine | $d - 99$ |
| 14. ninety-nine divided by a number g | $\frac{99}{g}$ |
| 15. a number f decreased by forty-six | $f - 46$ |
| 16. the sum of seventy-one and a number x | $71 + x$ |
| 17. the quotient of a number n and forty-eight | $\frac{n}{48}$ |
| 18. the sum of a number h and fourteen | $h + 14$ |
| 19. eighteen subtracted from a number b | $b - 18$ |
| 20. a number c added to twenty-three | $23 + c$ |