Translating Algebraic Phrases (A)

Name: _____

Date: _____

Write an algebraic expression for each phrase.

1. a number *b* divided by thirty-six

    _____

2. sixty-six subtracted from a number *p*

    _____

3. the quotient of twenty-nine and a number *h*

    _____

4. a number *n* plus forty-nine

    _____

5. three divided by a number *g*

    _____

6. the total of twenty-four and a number *x*

    _____

7. the difference between eighteen and a number *m*

    _____

8. a number *k* added to twenty-eight

    _____

9. ninety-eight more than a number *d*

    _____

10. a number *j* multiplied by fifty-six

    _____

11. a number *y* increased by eighty-six

    _____

12. twenty-nine to the wth power

    _____

13. a number *q* decreased by eighty-five

    _____

14. the difference between a number *f* and two

    _____

15. the quotient of a number *t* and thirty-seven

    _____

16. a number *s* minus eighty-two

    _____

17. the product of a number *z* and eighty-four

    _____

18. a number *v* to the power of sixty-five

    _____

19. the sum of forty-five and a number *r*

    _____

20. the product of fifty-two and a number *c*

    _____

Translating Algebraic Phrases (A) Answers

Name: _____

Date: _____

Write an algebraic expression for each phrase.

1. a number b divided by thirty-six

   $\frac{b}{36}$

2. sixty-six subtracted from a number p

   $p - 66$

3. the quotient of twenty-nine and a number h

   $\frac{29}{h}$

4. a number n plus forty-nine

   $n + 49$

5. three divided by a number g

   $\frac{3}{g}$

6. the total of twenty-four and a number x

   $24 + x$

7. the difference between eighteen and a number m

   $18 - m$

8. a number k added to twenty-eight

   $28 + k$

9. ninety-eight more than a number d

   $d + 98$

10. a number j multiplied by fifty-six

    $56j$

11. a number y increased by eighty-six

    $y + 86$

12. twenty-nine to the wth power

    29^w

13. a number q decreased by eighty-five

    $q - 85$

14. the difference between a number f and two

    $f - 2$

15. the quotient of a number t and thirty-seven

    $\frac{t}{37}$

16. a number s minus eighty-two

    $s - 82$

17. the product of a number z and eighty-four

    $z \times 84$

18. a number v to the power of sixty-five

    v^{65}

19. the sum of forty-five and a number r

    $45 + r$

20. the product of fifty-two and a number c

    $52c$