

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

## Variable Expressions Worksheet

Write an expression.

1 a. the product of 32 and the sum  $z$  plus 2

2 a. the quotient of  $z$  cubed and 4

3 a. 19 divided by the quantity 48 minus  $k$

4 a.  $3v$  less than 48

5 a. the quantity  $10w$ , squared

6 a. 6 divided by  $n$  to the 5th power

7 a. the difference of  $n$  and 5, divided by 100

8 a. the quotient of  $w$  to the 8th power and 3

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## Answer Key

1 a.  $32(z + 2)$

2 a.  $\frac{z^3}{4}$

3 a.  $\frac{19}{48 - k}$

4 a.  $48 - 3v$

5 a.  $(10w)^2$

6 a.  $\frac{6}{n^5}$

7 a.  $\frac{n - 5}{100}$

8 a.  $\frac{w^8}{3}$