

# Writing Variable Expressions: Two Operations

**Directions:** Write a variable expression for each verbal expression.

1.

the product of 5 and  $h$ , then increase the result by 3

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2.

the quotient of  $z$  and 8, then decrease the result by 10

\_\_\_\_\_

3.

9 less than  $k$ , then add  $a$  to the result

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4.

the product of  $z$  and 3, then take away 9 from the result

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5.

$t$  minus 9, then decrease the result by  $c$

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6.

divide  $v$  by 7, then increase the result by 13

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7.

the product of  $m$  and  $w$  increased by 17

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8.

divide  $y$  by 12, then subtract 16 from the result

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9.

5 more than the product of  $b$  and  $q$

\_\_\_\_\_

10.

6 less than the result of 8 divided by  $f$

\_\_\_\_\_

11.

11 more than  $p$  raised to the 3rd power

\_\_\_\_\_

12.

the product of 14 and  $g$  squared

\_\_\_\_\_

13.

the product of 3 and the sum of  $r$  and 20

\_\_\_\_\_

14.

twice the result of  $n$  decreased by 10

\_\_\_\_\_

15.

4 less than  $c$  raised to the 4th power

\_\_\_\_\_

16.

divide 17 by the sum of  $d$  and 9

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