

# 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  
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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  $q$   
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10. 6 less than the result of 8 divided by  $f$   
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11. 11 more than  $p$  raised to the 3rd power  
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12. the product of 14 and  $g$  squared  
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13. the product of 3 and the sum of  $r$  and 20  
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14. twice the result of  $n$  decreased by 10  
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15. 4 less than  $c$  raised to the 4th power  
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16. divide 17 by the sum of  $d$  and 9  
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