

Name

Date



## GENERATE EXPRESSIONS 6:2

STATEMENT		EXPRESSION
Example:	double $x$ and add 5	$2x + 5$
1)	multiply $a$ by 12	
2)	subtract 0.3 from $b$	
3)	divide $c$ by 6	
4)	double $d$ and then add 3	
5)	double $e$ and then subtract 5	
6)	multiply 100 by $f$	
7)	divide 20 by $g$	
8)	subtract $h$ from 2.5	
9)	multiply $i$ by 3 and then subtract 1	
10)	multiply $j$ by 5 and then add 8	
11)	halve $k$	
12)	halve $l$ and then add 3	
13)	halve $m$ and then subtract 7	
14)	divide 12 by $n$	
15)	multiply $o$ by 3.7	
16)	add 3 to $p$ and then double the result	
17)	subtract 2 from $q$ and then multiply the result by 5	
18)	add 1 to $r$ and then halve the result	
19)	subtract 2 from $s$ and then divide the result by 3	
20)	multiply $t$ by $t$	



## GENERATE EXPRESSIONS 6:2 ANSWERS

STATEMENT		EXPRESSION		
Example:	double $x$ and add 5	$2x + 5$		
1)	multiply $a$ by 12	$12a$		
2)	subtract 0.3 from $b$	$b - 0.3$		
3)	divide $c$ by 6	$\frac{c}{6}$	or	$\frac{1}{6}c$
4)	double $d$ and then add 3	$2d + 3$		
5)	double $e$ and then subtract 5	$2e - 5$		
6)	multiply 100 by $f$	$100f$		
7)	divide 20 by $g$	$\frac{20}{g}$		
8)	subtract $h$ from 2.5	$2.5 - h$		
9)	multiply $i$ by 3 and then subtract 1	$3i - 1$		
10)	multiply $j$ by 5 and then add 8	$5j + 8$		
11)	halve $k$	$\frac{1}{2}k$	or	$\frac{k}{2}$
12)	halve $l$ and then add 3	$\frac{1}{2}l + 3$		
13)	halve $m$ and then subtract 7	$\frac{1}{2}m - 7$		
14)	divide 12 by $n$	$\frac{12}{n}$		
15)	multiply $o$ by 3.7	$3.7o$		
16)	add 3 to $p$ and then double the result	$2(p + 3)$		
17)	subtract 2 from $q$ and then multiply the result by 5	$5(q - 2)$		
18)	add 1 to $r$ and then halve the result	$\frac{1}{2}(r + 1)$		
19)	subtract 2 from $s$ and then divide the result by 3	$\frac{s - 2}{3}$	or	$\frac{1}{3}(s - 2)$
20)	multiply $t$ by $t$	$t^2$		