

Name

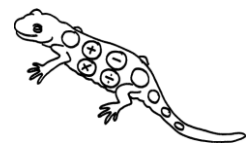
Date



## MULTIPLICATION ADDITION LIKE TERMS SHEET 1A

- Questions 1 to 15: Combine the like terms, changing each addition expression into a multiplication one.
- Questions 16 to 30: Expand the multiplication expressions into repeated additions.

Example	$y + y + y + y = y \times 4 = 4y$	Example	$3d = d \times 3 = d + d + d$
1)	$a + a + a = \quad = \quad$	16)	$2p = \quad = \quad$
2)	$b + b + b + b = \quad = \quad$	17)	$4q = \quad = \quad$
3)	$c + c + c + c + c = \quad = \quad$	18)	$3r = \quad = \quad$
4)	$d + d = \quad = \quad$	19)	$5s = \quad = \quad$
5)	$e + e + e + e + e = \quad = \quad$	20)	$1t = \quad = \quad$
6)	$f + f + f + f = \quad = \quad$	21)	$6u = \quad = \quad$
7)	$g + g + g + g = \quad = \quad$	22)	$4v = \quad = \quad$
8)	$h + h + h = \quad = \quad$	23)	$5w = \quad = \quad$
9)	$i + i + i + i + i + i = \quad = \quad$	24)	$6y = \quad = \quad$
10)	$j + j + j + j + j = \quad = \quad$	25)	$3z = \quad = \quad$
11)	$k + k = \quad = \quad$	26)	$6a = \quad = \quad$
12)	$l + l + l + l + l + l = \quad = \quad$	27)	$5b = \quad = \quad$
13)	$m + m + m = \quad = \quad$	28)	$0c = \quad = \quad$
14)	$n + n + n + n = \quad = \quad$	29)	$4d = \quad = \quad$
15)	$o + o + o + o + o = \quad = \quad$	30)	$6e = \quad = \quad$



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# MULTIPLICATION ADDITION LIKE TERMS

## SHEET 1A ANSWERS

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- 1)  $a + a + a = a \times 3 = 3a$       16)  $2p = p \times 2 = p + p$
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- 2)  $b + b + b + b = b \times 4 = 4b$       17)  $4q = q \times 4 = q + q + q + q$
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- 3)  $c + c + c + c + c = c \times 5 = 5c$       18)  $3r = r \times 3 = r + r + r$
- 
- 4)  $d + d = d \times 2 = 2d$       19)  $5s = s \times 5 = s + s + s + s + s$
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- 5)  $e + e + e + e + e = e \times 5 = 5e$       20)  $1t = t \times 1 = t$
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- 6)  $f + f + f + f = f \times 4 = 4f$       21)  $6u = u \times 6 = u + u + u + u + u + u$
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- 7)  $g + g + g + g = g \times 4 = 4g$       22)  $4v = v \times 4 = v + v + v + v$
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- 8)  $h + h + h = h \times 3 = 3h$       23)  $5w = w \times 5 = w + w + w + w + w$
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- 9)  $i + i + i + i + i + i = i \times 6 = 6i$       24)  $6y = y \times 6 = y + y + y + y + y + y$
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- 10)  $j + j + j + j + j = j \times 5 = 5j$       25)  $3z = z \times 3 = z + z + z$
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- 11)  $k + k = k \times 2 = 2k$       26)  $6a = a \times 6 = a + a + a + a + a + a$
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- 12)  $l + l + l + l + l + l = l \times 6 = 6l$       27)  $5b = b \times 5 = b + b + b + b + b$
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- 13)  $m + m + m = m \times 3 = 3m$       28)  $0c = c \times 0 = 0$
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- 14)  $n + n + n + n = n \times 4 = 4n$       29)  $4d = d \times 4 = d + d + d + d$
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- 15)  $o + o + o + o + o = o \times 5 = 5o$       30)  $6e = e \times 6 = e + e + e + e + e + e$
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