

Name: _____ Date: _____

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

1 a. $9(-7 - 4w)$	1 b. $-4(-9k + 12u - 17)$
2 a. $-10(13v - k)$	2 b. $-6(7t + w)$
3 a. $-8(3r + v)$	3 b. $-15(14 - 9p)$
4 a. $-9(-7m + 13y + 2)$	4 b. $-3(20 + 7g)$
5 a. $5(7g - 4 + 2v)$	5 b. $11(-13b - 16 - 11n)$
6 a. $14(-9k + 15z + 14)$	6 b. $11(7x + 11z - 4)$

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Answer Key

1 a. $-63 - 36w$	1 b. $36k - 48u + 68$
2 a. $-130v + 10k$	2 b. $-42t - 6w$
3 a. $-24r - 8v$	3 b. $-210 + 135p$
4 a. $63m - 117y - 18$	4 b. $-60 - 21g$
5 a. $35g - 20 + 10v$	5 b. $-143b - 176 - 121n$
6 a. $-126k + 210z + 196$	6 b. $77x + 121z - 44$