

Name: _____ Date: _____

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

1 a. $2(4 + 3g)$	1 b. $4(11a + 4)$
2 a. $4(7 + 4g)$	2 b. $12(4r + c)$
3 a. $3(2p + b)$	3 b. $6(2b + 9)$
4 a. $11(9 + 8n)$	4 b. $8(7 + 5w)$
5 a. $11(10 + 9t)$	5 b. $8(7 + 2s)$
6 a. $9(5a + n)$	6 b. $11(8 + 5k)$
7 a. $6(11a + 2)$	7 b. $2(7 + 11w)$

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Answer Key

1 a. $8 + 6g$	1 b. $44a + 16$
2 a. $28 + 16g$	2 b. $48r + 12c$
3 a. $6p + 3b$	3 b. $12b + 54$
4 a. $99 + 88n$	4 b. $56 + 40w$
5 a. $110 + 99t$	5 b. $56 + 16s$
6 a. $45a + 9n$	6 b. $88 + 55k$
7 a. $66a + 12$	7 b. $14 + 22w$