

Name: _____ Date: _____

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

1 a. $12(9y + 11)$	1 b. $10(5 + 11y)$
2 a. $5(3 + 7g)$	2 b. $7(8 + 7p)$
3 a. $6(7 + 3u)$	3 b. $3(9 + 5t)$
4 a. $12(5 + 7a)$	4 b. $8(5s + 4)$
5 a. $7(6m + p)$	5 b. $5(7s + 4)$
6 a. $4(5 + 11z)$	6 b. $7(11b + w)$
7 a. $4(4y + 1)$	7 b. $10(7 + 10g)$

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Answer Key

1 a. $108y + 132$	1 b. $50 + 110y$
2 a. $15 + 35g$	2 b. $56 + 49p$
3 a. $42 + 18u$	3 b. $27 + 15t$
4 a. $60 + 84a$	4 b. $40s + 32$
5 a. $42m + 7p$	5 b. $35s + 20$
6 a. $20 + 44z$	6 b. $77b + 7w$
7 a. $16y + 4$	7 b. $70 + 100g$