

Name: _____ Date: _____

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

1 a. $9(5 + 4n)$	1 b. $8(11y + 2)$
2 a. $8(7v + y)$	2 b. $2(7a + 9)$
3 a. $9(6 + 7x)$	3 b. $12(5g + 8)$
4 a. $8(6t + 7)$	4 b. $12(9 + 10q)$
5 a. $12(5 + 6q)$	5 b. $8(9 + 2n)$
6 a. $7(3 + 7g)$	6 b. $12(11 + 10x)$
7 a. $9(5 + 4v)$	7 b. $12(11g + 9)$

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Answer Key

1 a. $45 + 36n$	1 b. $88y + 16$
2 a. $56v + 8y$	2 b. $14a + 18$
3 a. $54 + 63x$	3 b. $60g + 96$
4 a. $48t + 56$	4 b. $108 + 120q$
5 a. $60 + 72q$	5 b. $72 + 16n$
6 a. $21 + 49g$	6 b. $132 + 120x$
7 a. $45 + 36v$	7 b. $132g + 108$