

Name: _____ Date: _____

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

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

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Answer Key

1 a. $28 + 40t$	1 b. $21q + 3c$
2 a. $14 + 18k$	2 b. $22g + 2w$
3 a. $40q + 64$	3 b. $24d + 2m$
4 a. $33r + 15$	4 b. $66 + 121d$
5 a. $144 + 84v$	5 b. $18w + 4$
6 a. $25 + 45c$	6 b. $60q + 132$
7 a. $20 + 14n$	7 b. $10q + 24$