

Factoring / Distributive Property Worksheet

Use the distributive property to simplify the expressions.

1 a. $6(9 + 8x)$	1 b. $8(4k + 3)$
2 a. $4(10 + 7d)$	2 b. $5(3b + w)$
3 a. $10(5 + 9u)$	3 b. $7(3w + 10)$
4 a. $5(3c + 10)$	4 b. $10(3z + 4)$
5 a. $6(8 + 9g)$	5 b. $5(3w + b)$
6 a. $8(5y + k)$	6 b. $3(3s + 11)$
7 a. $3(8p + 11)$	7 b. $2(10q + u)$

Name: _____ Date: _____

Answer Key

1 a. $54 + 48x$	1 b. $32k + 24$
2 a. $40 + 28d$	2 b. $15b + 5w$
3 a. $50 + 90u$	3 b. $21w + 70$
4 a. $15c + 50$	4 b. $30z + 40$
5 a. $48 + 54g$	5 b. $15w + 5b$
6 a. $40y + 8k$	6 b. $9s + 33$
7 a. $24p + 33$	7 b. $20q + 2u$