

Lesson 3 ~ The Distributive Property

Name _____ Period _____ Date _____

Use the distributive property to simplify each expression.

1. $2(x+7)$

2. $8(x-3)$

3. $-4(y-6)$

4. $-5(2x+3)$

5. $\frac{2}{3}(3x-6)$

6. $1.2(x+4)$

Find the product by using the distributive property. Show your work.

7. $3(97)$

8. $2(3.5)$

9. $8 \cdot 104$

10. $4(312)$

11. $998 \cdot 5$

12. $1006 \cdot 4$

Simplify each expression.

13. $3x+7+4x-2$

14. $-2(x-7)+3$

15. $5(x-1)-5$

16. $5(2x+3)+10$

17. $4x+3x-5x+2-x$

18. $10x-4-7x-2$

19. $3(x-4)+2(x+1)$

20. $5x+2(x+1)+3$

21. $3(x-4)+6$

22. $4(2x-1)+6-7x$

23. $6x+40+4x-15$

24. $5x-6+23-7x$

25. Each answer from #13 through #18 should match with one answer from #19 through #24.

Record which expression from #19 through #24 is equivalent to the simplified expressions for the exercises listed below.

#13 → _____

#14 → _____

#15 → _____

#16 → _____

#17 → _____

#18 → _____