

Ms. Reategui

Name: _____

Period: _____

Date: _____

Distributive property of multiplication and division over addition and subtraction

1. $3(x+1)$

2. $4(a+2)$

3. $5(x+y)$

4. $10(a-b)$

5. $x(2+y)$

6. $6(5-y)$

7. $2(x+2)$

8. $3(x+2y)$

9. $2x(5-y)$

10. $5(a+b)$

11. $3(4x+2y)$

12. $4(2a-5b)$

13. $2(a+y)$

14. $3(4x+1)$

15. $7(3x+2)$

16. $4(2x-1)$

17. $x(2+3)$

18. $3x(7-2)$

19. $5y(2+4)$

20. $2(4y-7)$

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$$21. \frac{4x+8}{4}$$

$$22. \frac{2x+6y+4}{2}$$

$$23. \frac{6+3(x+1)}{3}$$

$$24. \frac{2x-5}{2}$$

$$25. \frac{32+4x}{4}$$

$$26. \frac{6+2(x+4)}{2}$$

$$27. \frac{3(x+1)+12}{3}$$

$$28. \frac{3x-7}{3}$$

$$29. \frac{8(2x+3y)+4}{2}$$

$$30. \frac{15x+25y+30z}{5}$$

$$31. \frac{9(2y+6)-4y}{9}$$

$$32. \frac{4x(2+3)-8}{3}$$

$$33. \frac{6(z+2)+36}{2}$$

$$34. \frac{2(3x-x)-6}{2}$$

$$35. \frac{5(6x-y)}{3}$$