Name:　　　　　　　Due Date:　　　　Teacher:　　　　Parent Sign:

Questions

1. In the expression 7x + 3, which symbol is the variable?

2. In 5 + y, identify the variable.

3. Which of these is a variable: 8, b, 12?

4. Is m a variable in 3m - 4?

5. In 9 + t, what is the variable?

6. What is the coefficient of x in 4x?

7. True or False: in 10, 10 is a variable.

8. Which of the following could be a variable: 3, x, 0?

9. In the expression -2p + 5, what is the variable?

10. In 7 + 0, is there a variable?

11. Rewrite 3 × x without the multiplication sign.

12. Rewrite x × 7 without the multiplication sign.

13. Rewrite a × b without the multiplication sign.

14. Rewrite 4 × (x) without the multiplication sign.

15. Rewrite (2) × y without the multiplication sign.

16. Write 5 · m (dot notation) without the dot.

17. How is x × x usually written more compactly?

18. Simplify 2 × (3x).

19. Simplify 1 × n.

20. Simplify 0 × p.

21. Let x = 2. Evaluate 3x.

22. Let x = 5. Evaluate x + 4.

23. Let x = 0. Evaluate 7x + 2.

24. Let x = -1. Evaluate 5x.

25. Let x = 3. Evaluate 2x + 6.

26. Let x = 6. Evaluate 4x - 3.

27. Let x = -2. Evaluate -3x + 1.

28. Let x = 1. Evaluate 9x.

29. Let x = 10. Evaluate x - 7.

30. Let x = 4. Evaluate 5 + 2x.

31. Let x = 7. Evaluate 3x - 5.

32. Let x = -3. Evaluate 2x + 8.

33. Let x = 0. Evaluate 0x + 9.

34. Let x = 2. Evaluate 6x - 4.

35. Let x = 3. Evaluate 12 - x.

36. Let x = 5. Evaluate -x + 10.

37. Let x = 8. Evaluate 2(x + 1).

38. Let x = 4. Evaluate (x)(3).

39. Let x = -4. Evaluate 7x + 2.

40. Let x = $\frac{1}{2}$. Evaluate 4x.

41. Let x = 3. Evaluate x + 2x.

42. Let x = 6. Evaluate x ÷ 2.

43. Let x = 9. Evaluate 3x + 1.

44. Let x = -5. Evaluate 2x - 6.

45. Let x = 11. Evaluate x + x.

46. Let x = 2. Evaluate 10 - 3x.

47. Let x = 7. Evaluate 14 ÷ x.

48. Let x = 4. Evaluate 3(x - 1).

49. Let x = 5. Evaluate 8x ÷ 4.

50. Let x = 0. Evaluate 5x - 3.