

Name: _____

Class: _____

List the prime factors for each number. Is the number prime?

1. $95 =$ _____ 2. $7 =$ _____ 3. $42 =$ _____

4. $44 =$ _____ 5. $66 =$ _____ 6. $58 =$ _____

7. $1 =$ _____ 8. $4 =$ _____ 9. $5 =$ _____

10. $92 =$ _____ 11. $39 =$ _____ 12. $79 =$ _____

13. $6 =$ _____ 14. $13 =$ _____ 15. $23 =$ _____

16. $9 =$ _____ 17. $3 =$ _____ 18. $61 =$ _____

19. $17 =$ _____ 20. $81 =$ _____ 21. $46 =$ _____

22. $12 =$ _____ 23. $74 =$ _____ 24. $8 =$ _____

25. $20 =$ _____ 26. $34 =$ _____ 27. $89 =$ _____

28. $14 =$ _____ 29. $2 =$ _____ 30. $26 =$ _____

31. $50 =$ _____ 32. $28 =$ _____ 33. $83 =$ _____

34. $91 =$ _____ 35. $88 =$ _____ 36. $18 =$ _____

37. $47 =$ _____ 38. $32 =$ _____ 39. $48 =$ _____

40. $24 =$ _____ 41. $37 =$ _____ 42. $90 =$ _____

43. $96 =$ _____ 44. $53 =$ _____ 45. $93 =$ _____

46. $10 =$ _____ 47. $33 =$ _____ 48. $51 =$ _____

49. $54 =$ _____ 50. $82 =$ _____ 51. $69 =$ _____

52. $78 =$ _____ 53. $19 =$ _____ 54. $40 =$ _____

55. $65 =$ _____ 56. $67 =$ _____ 57. $49 =$ _____

Name: _____

Class: _____

List the prime factors for each number. Is the number prime?

- | | | |
|----------------------------------|--------------------------------|--------------------------------|
| 1. 95 = <u>5x19 (No)</u> | 2. 7 = <u>7 (Yes)</u> | 3. 42 = <u>2x3x7 (No)</u> |
| 4. 44 = <u>2x2x11 (No)</u> | 5. 66 = <u>2x3x11 (No)</u> | 6. 58 = <u>2x29 (No)</u> |
| 7. 1 = <u>1 (No)</u> | 8. 4 = <u>2x2 (No)</u> | 9. 5 = <u>5 (Yes)</u> |
| 10. 92 = <u>2x2x23 (No)</u> | 11. 39 = <u>3x13 (No)</u> | 12. 79 = <u>79 (Yes)</u> |
| 13. 6 = <u>2x3 (No)</u> | 14. 13 = <u>13 (Yes)</u> | 15. 23 = <u>23 (Yes)</u> |
| 16. 9 = <u>3x3 (No)</u> | 17. 3 = <u>3 (Yes)</u> | 18. 61 = <u>61 (Yes)</u> |
| 19. 17 = <u>17 (Yes)</u> | 20. 81 = <u>3x3x3x3 (No)</u> | 21. 46 = <u>2x23 (No)</u> |
| 22. 12 = <u>2x2x3 (No)</u> | 23. 74 = <u>2x37 (No)</u> | 24. 8 = <u>2x2x2 (No)</u> |
| 25. 20 = <u>2x2x5 (No)</u> | 26. 34 = <u>2x17 (No)</u> | 27. 89 = <u>89 (Yes)</u> |
| 28. 14 = <u>2x7 (No)</u> | 29. 2 = <u>2 (Yes)</u> | 30. 26 = <u>2x13 (No)</u> |
| 31. 50 = <u>2x5x5 (No)</u> | 32. 28 = <u>2x2x7 (No)</u> | 33. 83 = <u>83 (Yes)</u> |
| 34. 91 = <u>7x13 (No)</u> | 35. 88 = <u>2x2x2x11 (No)</u> | 36. 18 = <u>2x3x3 (No)</u> |
| 37. 47 = <u>47 (Yes)</u> | 38. 32 = <u>2x2x2x2x2 (No)</u> | 39. 48 = <u>2x2x2x2x3 (No)</u> |
| 40. 24 = <u>2x2x2x3 (No)</u> | 41. 37 = <u>37 (Yes)</u> | 42. 90 = <u>2x3x3x5 (No)</u> |
| 43. 96 = <u>2x2x2x2x2x3 (No)</u> | 44. 53 = <u>53 (Yes)</u> | 45. 93 = <u>3x31 (No)</u> |
| 46. 10 = <u>2x5 (No)</u> | 47. 33 = <u>3x11 (No)</u> | 48. 51 = <u>3x17 (No)</u> |
| 49. 54 = <u>2x3x3x3 (No)</u> | 50. 82 = <u>2x41 (No)</u> | 51. 69 = <u>3x23 (No)</u> |
| 52. 78 = <u>2x3x13 (No)</u> | 53. 19 = <u>19 (Yes)</u> | 54. 40 = <u>2x2x2x5 (No)</u> |
| 55. 65 = <u>5x13 (No)</u> | 56. 67 = <u>67 (Yes)</u> | 57. 49 = <u>7x7 (No)</u> |