

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 = _____ |

_____ number. Is the number prime?

1. $95 = 5 \times 19$ (No)
2. $7 = 7$ (Yes)
3. $42 = 2 \times 3 \times 7$ (No)
4. $44 = 2 \times 2 \times 11$ (No)
5. $66 = 2 \times 3 \times 11$ (No)
6. $58 = 2 \times 29$ (No)
7. $1 = 1$ (No)
8. $4 = 2 \times 2$ (No)
9. $5 = 5$ (Yes)
10. $92 = 2 \times 2 \times 23$ (No)
11. $39 = 3 \times 13$ (No)
12. $79 = 79$ (Yes)
13. $6 = 2 \times 3$ (No)
14. $13 = 13$ (Yes)
15. $23 = 23$ (Yes)
16. $9 = 3 \times 3$ (No)
17. $3 = 3$ (Yes)
18. $61 = 61$ (Yes)
19. $17 = 17$ (Yes)
20. $81 = 3 \times 3 \times 3 \times 3$ (No)
21. $46 = 2 \times 23$ (No)
22. $12 = 2 \times 2 \times 3$ (No)
23. $74 = 2 \times 37$ (No)
24. $8 = 2 \times 2 \times 2$ (No)
25. $20 = 2 \times 2 \times 5$ (No)
26. $34 = 2 \times 17$ (No)
27. $89 = 89$ (Yes)
28. $14 = 2 \times 7$ (No)
29. $2 = 2$ (Yes)
30. $26 = 2 \times 13$ (No)
31. $50 = 2 \times 5 \times 5$ (No)
32. $28 = 2 \times 2 \times 7$ (No)
33. $83 = 83$ (Yes)
34. $91 = 7 \times 13$ (No)
35. $88 = 2 \times 2 \times 2 \times 11$ (No)
36. $18 = 2 \times 3 \times 3$ (No)
37. $47 = 47$ (Yes)
38. $32 = 2 \times 2 \times 2 \times 2 \times 2$ (No)
39. $48 = 2 \times 2 \times 2 \times 2 \times 3$ (No)
40. $24 = 2 \times 2 \times 2 \times 3$ (No)
41. $37 = 37$ (Yes)
42. $90 = 2 \times 3 \times 3 \times 5$ (No)
43. $96 = 2 \times 2 \times 2 \times 2 \times 2 \times 3$ (No)
44. $53 = 53$ (Yes)
45. $93 = 3 \times 31$ (No)
46. $10 = 2 \times 5$ (No)
47. $33 = 3 \times 11$ (No)
48. $51 = 3 \times 17$ (No)
49. $54 = 2 \times 3 \times 3 \times 3$ (No)
50. $82 = 2 \times 41$ (No)
51. $69 = 3 \times 23$ (No)
52. $78 = 2 \times 3 \times 13$ (No)
53. $19 = 19$ (Yes)
54. $40 = 2 \times 2 \times 2 \times 5$ (No)
55. $65 = 5 \times 13$ (No)
56. $67 = 67$ (Yes)
57. $49 = 7 \times 7$ (No)