Name:

Which Numbers are Prime Numbers?

For Example: 3 (Yes) 9 3 x 3 (No)

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

1. 19 = _____
2. 83 = _____
3. 67 = _____
4. 105 = _____
5. 149 = _____
6. 109 = _____
7. 72 = _____
8. 108 = _____
9. 210 = _____
10. 132 = _____
11. 2 = _____
12. 9 = _____
13. 3 = _____
14. 1 = _____
15. 11 = _____
16. 65 = _____
17. 220 = _____
18. 280 = _____
19. 97 = _____
20. 217 = _____

Score: /20

Name:

Which Numbers are Prime Numbers?

For Example: 3 (Yes) 9 3 x 3 (No)

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

1. 19 = 19 (Yes)
2. 83 = 83 (Yes)
3. 67 = 67 (Yes)
4. 105 = 3×5×7 (No)
5. 149 = 149 (Yes)
6. 109 = 109 (Yes)
7. 72 = 2×2×2×3×3 (No)
8. 108 = 2×2×3×3×3 (No)
9. 210 = 2×3×5×7 (No)
10. 132 = 2×2×3×11 (No)
11. 2 = 2 (Yes)
12. 9 = 3×3 (No)
13. 3 = 3 (Yes)
14. 1 = 1 (No)
15. 11 = 11 (Yes)
16. 65 = 5×13 (No)
17. 220 = 2×2×5×11 (No)
18. 280 = 2×2×2×5×7 (No)
19. 97 = 97 (Yes)
20. 217 = 7×31 (No)

Score: /20