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. 3 = _____
2. 4 = _____
3. 9 = _____
4. 277 = _____
5. 251 = _____
6. 7 = _____
7. 219 = _____
8. 292 = _____
9. 67 = _____
10. 131 = _____
11. 161 = _____
12. 181 = _____
13. 1 = _____
14. 5 = _____
15. 6 = _____
16. 175 = _____
17. 55 = _____
18. 24 = _____
19. 213 = _____
20. 212 = _____

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. 3 = 3 (Yes)
2. 4 = 2×2 (No)
3. 9 = 3×3 (No)
4. 277 = 277 (Yes)
5. 251 = 251 (Yes)
6. 7 = 7 (Yes)
7. 219 = 3×73 (No)
8. 292 = 2×2×73 (No)
9. 67 = 67 (Yes)
10. 131 = 131 (Yes)
11. 161 = 7×23 (No)
12. 181 = 181 (Yes)
13. 1 = 1 (No)
14. 5 = 5 (Yes)
15. 6 = 2×3 (No)
16. 175 = 5×5×7 (No)
17. 55 = 5×11 (No)
18. 24 = 2×2×2×3 (No)
19. 213 = 3×71 (No)
20. 212 = 2×2×53 (No)

Score: /20