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. 31 = _____
2. 379 = _____
3. 71 = _____
4. 413 = _____
5. 498 = _____
6. 307 = _____
7. 199 = _____
8. 465 = _____
9. 72 = _____
10. 44 = _____
11. 391 = _____
12. 93 = _____
13. 165 = _____
14. 92 = _____
15. 229 = _____
16. 213 = _____
17. 320 = _____
18. 94 = _____
19. 67 = _____
20. 57 = _____

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. 31 = 31 (Yes)
2. 379 = 379 (Yes)
3. 71 = 71 (Yes)
4. 413 = 7×59 (No)
5. 498 = 2×3×83 (No)
6. 307 = 307 (Yes)
7. 199 = 199 (Yes)
8. 465 = 3×5×31 (No)
9. 72 = 2×2×2×3×3 (No)
10. 44 = 2×2×11 (No)
11. 391 = 17×23 (No)
12. 93 = 3×31 (No)
13. 165 = 3×5×11 (No)
14. 92 = 2×2×23 (No)
15. 229 = 229 (Yes)
16. 213 = 3×71 (No)
17. 320 = 2×2×2×2×2×2×5 (No)
18. 94 = 2×47 (No)
19. 67 = 67 (Yes)
20. 57 = 3×19 (No)

Score: /20