

12. 744916400000; 7449164; 00000000007449164; 7449164;
0007449164; 7449164.
13. —
14. Binary 63 and 32, Quaternary 4095 and 1024, Senary 46655 and 7776, Octenary 262143 and 32768, Duodenary 2985983 and 248832.
15. 1, 2, 3, 4, 6, 8, 9, 12, 16, 18, 24, 27, 32, 36, 48, 54, 64, 72, 96, 108, 144, 192, 216, 288, 432, 576, 864, 1728.
16. 720720.
17. 79789966677748855.
18. \$127.98.
19. 2119117.

EXERCISE 165.

1. 7000090000019-00000004200006.
2. A, \$1639.32½; B, \$1528.21½; C, \$1437.31½; D, \$1534.95.
3. 13½.
4. \$1497808819.4444.
5. 83160.
6. 361 years, 10 m'ths, 25 days.
7. 40.38.
8. 33943 lbs. 4oz. 8 dwt. 14½ grs.
9. 2.
10. 129½.
11. 3.
12. 24.
13. A, \$384.47; B, \$291.07; C, \$221.89.
14. 135½ lbs.
15. 165229.
16. 530-00121864500.
17. \$7854.29.
18. 26½.
19. 81000.
20. 5456640.
21. They have none.
22. A, \$3492.06; B, \$4761.91; C, \$6746.03.
23. A, £167½; B, £139½; C, £93½.
24. 2½ hours.
25. LXXMVCMLXXXVIII and XVMCDXCVMMDCLXXIX.
26. 1st gets 792 loaves; 2nd, 594; 3rd, 924.
27. 72, 18 and 54 lbs., or 24, 96, and 96 lbs. respectively.
28. \$3725.764.
29. 24010.23.
30. \$4803.5064.
31. 5739.29 yds. Gain 25½ per cent.
32. —
33. \$12612.
34. 2.886057; 1.290035; 3.051153; 1.449735; 4.812913; 4.698970; 2.182129; 0.909127.
35. 1872.
36. 84 years.
37. 66.80578 times.
38. 22992700.72992700.
39. \$5.482.
40. \$460.0034.
41. 5 yrs. 8 mos. 5 days.
42. Amount \$1409.07. Com-pound Int. \$595.36.
43. 10 months 18 days.
44. A, \$571.9675; B, \$554.8675; C, \$535.6375; D, \$493.5275; and E, \$1078.