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74. 1. $2^2=4$. 2. 9. 3. 100. 4. 289. 5. 400. 6. 10000.
 7. 90000. 8. $(-1)^2=.01$. 9. .16. 10. .0036.
 11. .055225. 12. $\frac{1}{4}$. 13. $\frac{1}{16}$. 14. $\frac{9}{16}$. 15. $5^3=125$.
 16. 1000. 17. 1296. 18. .001. 19. .00000016.
 20. $7\frac{1}{2}$. 21. $7\frac{5}{8}$.
 1. 16, 25, 529. 2. .09, .0016, .000256, .268324.
- 75.—3. $\frac{1}{16}$, $\frac{9}{16}$, $\frac{1}{16}$. 4. .0470, .0021, 21.3721. 5. 100,
 10000, 1000000. 6. 343, 2744, 4330747. 7. .001,
 .000008, .000000000001. 8. $\frac{8}{27}$, $\frac{2197}{27}$, $\frac{2197}{1000}$.
 9. .33310, .00001. 10. 432, 36125, 144000.
 11. 2401, 243, 128. 12. 1.4989, 2.3965.
- 76.—1. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 72, 60,
 90, 140, 480, 800, 9000. 2. 1, 2, 3, 4, 5, 6, 7, 8, 9,
 10, 14, 24, 45, 20, 50, 80, 126, 270, 200, 900. 3. 6,
 8, 10, 24, 27, 32, 36, 42, 80, 33, 240, 800, 560, 280,
 105. 4. 2, 3, 8, 10, 60, 30, 12, 21, 11, 110, 300,
 35. 5. 2, 3, 5, 4, 6, 20, 21. 6. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{3}{8}$, $\frac{7}{10}$, $\frac{9}{100}$,
 $\frac{8}{27}$, $\frac{10}{27}$, $\frac{8}{1000}$, .1, .2, .3, .8, 2.4, 3.2, 4.2, 10.5, 1.05, $\frac{8}{27}$.
 7. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{4}{5}$, $\frac{7}{10}$, $\frac{1}{10}$, $\frac{4}{25}$, $\frac{3}{16}$, .1, .2, .4, 1.2, 1.1, 2.1, 3.5,
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- 77.—2. 25. 3. 150. 4. 900. 6. 1225. 7. 325. 11. 5.
 12. 5. 13. 0. 14. 1225.
- 78.—15. 3, 5, 35. 19. 5. 21. 35. 22. 25, 0; 25, 6; 31,
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- 79.—1. 9. 2. 10. 3. 100. 4. 100. 8. 8516.
- 80.—17. 754. 19. 917. 20. 829, 389, 213, 295.
 1. 1, .01, .0001, .000001. 2. 1, .1, .01, .001. 6. .3,
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 17.2522, 18.8281, 51.4732, .6324.