

Fill in the missing numbers.

1. 9 10

2. 1 2

3. 7 8

4. 67 68

5. 34 35

6. 6 7

7. 2 3

8. 18 19

9. 74 75

10. 8 9

Compare the numbers. Add: &gt; or &lt; or =

11. 7 &gt; 2

12. 1,463 &gt; 7

13. 425 &lt; 3,242

14. 5 &lt; 45

15. 3 &lt; 118

16. 6,205 &gt; 13

17. 4 &lt; 9,933

18. 938 &gt; 167

19. 85 &gt; 9

20. 266 &gt; 179

Complete the counting tables.

21. Count by 6 from 4 to 58

4	10	16	22	28	34	40	46	52	58
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22. Count by 9 from 2 to 83

2	11	20	29	38	47	56	65	74	83
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23. Count by 8 from 4 to 76

4	12	20	28	36	44	52	60	68	76
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24. Count by 9 from 5 to 86

5	14	23	32	41	50	59	68	77	86
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25. Count by 6 from 7 to 61

7	13	19	25	31	37	43	49	55	61
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26. Count by 9 from 1 to 82

1	10	19	28	37	46	55	64	73	82
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27. Count by 2 from 6 to 24

6	8	10	12	14	16	18	20	22	24
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28. Count by 9 from 3 to 84

3	12	21	30	39	48	57	66	75	84
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29. Count by 9 from 4 to 85

4	13	22	31	40	49	58	67	76	85
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30. Count by 5 from 8 to 53

8	13	18	23	28	33	38	43	48	53
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Provide the expanded notation for each value.

31. 7,789 seven thousand seven hundred eighty-nine32. 8,808 eight thousand eight hundred eight33. 32 thirty-two34. 2,313 two thousand three hundred thirteen35. 3,441 three thousand four hundred forty-one36. 7,570 seven thousand five hundred seventy37. 5,067 five thousand sixty-seven38. 6,383 six thousand three hundred eighty-three39. 5,648 five thousand six hundred forty-eight40. 9,192 nine thousand one hundred ninety-two

List the factors for each number.

41.  $6 = \underline{1, 2, 3, 6}$ 42.  $89 = \underline{1, 89}$ 43.  $9 = \underline{1, 3, 9}$ 44.  $50 = \underline{1, 2, 5, 10, 25, 50}$ 45.  $5 = \underline{1, 5}$ 46.  $3 = \underline{1, 3}$ 47.  $28 = \underline{1, 2, 4, 7, 14, 28}$ 48.  $43 = \underline{1, 43}$ 49.  $8 = \underline{1, 2, 4, 8}$

$$50. \quad 1 = \underline{1}$$

Find the greatest common factor.

$$51. \quad \begin{array}{l} 50 \\ 76 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$$

$$52. \quad \begin{array}{l} 32 \\ 52 \end{array} \begin{array}{l} \underline{1, 2, 4} \\ \underline{1, 2, 4} \end{array} \quad \underline{4}$$

$$53. \quad \begin{array}{l} 77 \\ 88 \end{array} \begin{array}{l} \underline{1, 7, 11} \\ \underline{1, 2, 4, 8, 11} \end{array} \quad \underline{11}$$

$$54. \quad \begin{array}{l} 75 \\ 48 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 2, 3} \end{array} \quad \underline{3}$$

$$55. \quad \begin{array}{l} 91 \\ 63 \end{array} \begin{array}{l} \underline{1, 7} \\ \underline{1, 3, 7} \end{array} \quad \underline{7}$$

$$56. \quad \begin{array}{l} 20 \\ 95 \end{array} \begin{array}{l} \underline{1, 2, 4, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

$$57. \quad \begin{array}{l} 15 \\ 87 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 3} \end{array} \quad \underline{3}$$

$$58. \quad \begin{array}{l} 56 \\ 28 \end{array} \begin{array}{l} \underline{1, 2, 4, 7, 8, 14, 28} \\ \underline{1, 2, 4, 7, 14, 28} \end{array} \quad \underline{28}$$

$$59. \quad \begin{array}{l} 60 \\ 95 \end{array} \begin{array}{l} \underline{1, 2, 3, 4, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

$$60. \quad \begin{array}{l} 70 \\ 21 \end{array} \begin{array}{l} \underline{1, 2, 5, 7} \\ \underline{1, 3, 7} \end{array} \quad \underline{7}$$

Find the lowest common multiple.

$$61. \quad \begin{array}{l} 12 \\ 8 \end{array} \begin{array}{l} \underline{12, 24} \\ \underline{8, 16, 24} \end{array} \quad \underline{24}$$

$$62. \quad \begin{array}{l} 7 \\ 11 \end{array} \begin{array}{l} \underline{7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77} \\ \underline{11, 22, 33, 44, 55, 66, 77} \end{array} \quad \underline{77}$$

$$63. \quad \begin{array}{l} 9 \\ 10 \end{array} \begin{array}{l} \underline{9, 18, 27, 36, 45, 54, 63, 72, 81, 90} \\ \underline{10, 20, 30, 40, 50, 60, 70, 80, 90} \end{array} \quad \underline{90}$$

$$64. \quad \begin{array}{l} 7 \\ 4 \end{array} \begin{array}{l} \underline{7, 14, 21, 28} \\ \underline{4, 8, 12, 16, 20, 24, 28} \end{array} \quad \underline{28}$$

$$65. \quad \begin{array}{l} 11 \\ 6 \end{array} \begin{array}{l} \underline{11, 22, 33, 44, 55, 66} \\ \underline{6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66} \end{array} \quad \underline{66}$$

$$66. \quad \begin{array}{l} 12 \\ 11 \end{array} \begin{array}{l} \underline{12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132} \\ \underline{11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132} \end{array} \quad \underline{132}$$

$$67. \quad \begin{array}{l} 11 \\ 10 \end{array} \begin{array}{l} \underline{11, 22, 33, 44, 55, 66, 77, 88, 99, 110} \\ \underline{10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110} \end{array} \quad \underline{110}$$

68.  $10 \underline{10, 20, 30, 40, 50, 60}$  60  
 $12 \underline{12, 24, 36, 48, 60}$
69.  $5 \underline{5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60}$  60  
 $12 \underline{12, 24, 36, 48, 60}$
70.  $2 \underline{2, 4}$  4  
 $4 \underline{4}$

List the multiples for each number.

71.  $4 = \underline{4, 8, 12, 16, 20}$  72.  $72 = \underline{72, 144, 216, 288, 360}$
73.  $86 = \underline{86, 172, 258, 344, 430}$  74.  $44 = \underline{44, 88, 132, 176, 220}$
75.  $5 = \underline{5, 10, 15, 20, 25}$  76.  $54 = \underline{54, 108, 162, 216, 270}$
77.  $76 = \underline{76, 152, 228, 304, 380}$  78.  $2 = \underline{2, 4, 6, 8, 10}$
79.  $9 = \underline{9, 18, 27, 36, 45}$  80.  $39 = \underline{39, 78, 117, 156, 195}$

Order the numbers.

81.  $119 \underline{119}$  82.  $342 \underline{342}$  83.  $502 \underline{502}$  84.  $120 \underline{120}$  85.  $282 \underline{167}$  86.  $304 \underline{304}$   
 $565 \underline{447}$   $375 \underline{375}$   $775 \underline{694}$   $398 \underline{135}$   $638 \underline{190}$   $909 \underline{559}$   
 $447 \underline{565}$   $946 \underline{946}$   $694 \underline{775}$   $918 \underline{398}$   $190 \underline{282}$   $559 \underline{697}$   
 $809 \underline{809}$   $946 \underline{946}$   $785 \underline{785}$   $135 \underline{918}$   $167 \underline{638}$   $697 \underline{909}$
87.  $556 \underline{317}$  88.  $336 \underline{291}$  89.  $332 \underline{332}$  90.  $300 \underline{238}$   
 $705 \underline{556}$   $983 \underline{336}$   $783 \underline{555}$   $875 \underline{300}$   
 $317 \underline{705}$   $291 \underline{920}$   $851 \underline{783}$   $983 \underline{875}$   
 $909 \underline{909}$   $920 \underline{983}$   $555 \underline{851}$   $238 \underline{983}$

Round to the underlined digit.

91.  $2,964 = \underline{3,000}$  92.  $3,387 = \underline{3,000}$  93.  $1,721 = \underline{1,720}$  94.  $7,398 = \underline{7,400}$
95.  $7,367 = \underline{7,370}$  96.  $7,921 = \underline{7,900}$  97.  $9,442 = \underline{9,400}$  98.  $5,204 = \underline{5,000}$
99.  $9,709 = \underline{10,000}$  100.  $1,057 = \underline{1,060}$

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

101.  $9 = \underline{3 \times 3}$  (No)      102.  $47 = \underline{47}$  (Yes)      103.  $2 = \underline{2}$  (Yes)

104.  $50 = \underline{2 \times 5 \times 5}$  (No)      105.  $6 = \underline{2 \times 3}$  (No)      106.  $51 = \underline{3 \times 17}$  (No)

107.  $35 = \underline{5 \times 7}$  (No)      108.  $1 = \underline{1}$  (No)      109.  $8 = \underline{2 \times 2 \times 2}$  (No)

110.  $3 = \underline{3}$  (Yes)

Determine the place value of the underlined digit.

111.  $\underline{6}1 = \underline{1}$  one      112.  $\underline{2} = \underline{2}$  ones      113.  $5\underline{1} = \underline{1}$  one

114.  $\underline{2}0 = \underline{2}$  tens      115.  $\underline{3},110 = \underline{3}$  thousands      116.  $6\underline{0} = \underline{0}$  ones

117.  $\underline{4} = \underline{4}$  ones      118.  $7,\underline{7}62 = \underline{7}$  hundreds      119.  $\underline{7} = \underline{7}$  ones

120.  $9,76\underline{0} = \underline{0}$  ones