

1.  $47 + 31 =$  \_\_\_\_\_
2.  $99 - 57 =$  \_\_\_\_\_
3.  $17 + 18 + 19 =$  \_\_\_\_\_
4.  $(3 \times 100) + (2 \times 10) + (7 \times 1) =$  \_\_\_\_\_
5. Round 8734 to the nearest thousand's place. \_\_\_\_\_
6.  $14 \times 6 =$  \_\_\_\_\_
7.  $813 - 256 =$  \_\_\_\_\_
8.  $203 \times 8 =$  \_\_\_\_\_
9.  $46 + 834 - 7 =$  \_\_\_\_\_
- \* 10.  $4397 + 2817 + 1973 =$  \_\_\_\_\_
11. XXVII = \_\_\_\_\_ (Arabic numerals)
12.  $75 \div 5 =$  \_\_\_\_\_
13.  $2400 \div 30 =$  \_\_\_\_\_
14. How many odd numbers are there between 40 and 52?  
\_\_\_\_\_
15.  $62 \times 11 =$  \_\_\_\_\_
16.  $1 + 2 + 3 + 4 + \dots + 9 =$  \_\_\_\_\_
17.  $12 \times 3 \times 2 =$  \_\_\_\_\_
18.  $50 \times 26 =$  \_\_\_\_\_
19.  $2018 \div 2 =$  \_\_\_\_\_
- \* 20.  $503 \times 298 =$  \_\_\_\_\_
21. 16 quarters = \$ \_\_\_\_\_
22. The greatest common divisor of 36 and 40 is \_\_\_\_\_
23.  $12 \times 35 =$  \_\_\_\_\_
24.  $30 + 40 \times 5 =$  \_\_\_\_\_
25. If 3 donuts cost \$1.20, then 9 donuts cost \$ \_\_\_\_\_
26.  $\frac{3}{7} + \frac{2}{7} =$  \_\_\_\_\_
27. Which is larger:  $\frac{5}{6}$  or  $\frac{6}{7}$ ? \_\_\_\_\_
28. 5 feet = \_\_\_\_\_ inches
29.  $8.4 \div 0.4 =$  \_\_\_\_\_
- \* 30.  $17 \times 18 \times 19 =$  \_\_\_\_\_
31.  $\frac{7}{10} + \frac{3}{100} =$  \_\_\_\_\_ (decimal)
32.  $578 \div 9$  has a remainder of \_\_\_\_\_
33. 7 is to 8 as  $n$  is to 24.  $n =$  \_\_\_\_\_
34.  $48 \times 52 =$  \_\_\_\_\_
35. What is the only prime divisor of 81? \_\_\_\_\_
36.  $32 \div 4 + 7 \div 7 =$  \_\_\_\_\_
37.  $\frac{5}{8} =$  \_\_\_\_\_ (decimal)
38. 18 pints = \_\_\_\_\_ quarts
39.  $5.6 + 3.46 + 7.84 =$  \_\_\_\_\_ (decimal)
- \* 40.  $38478 \div 112 =$  \_\_\_\_\_
41. The perimeter of a square whose sides are 7 cm is  
\_\_\_\_\_ cm
42.  $3^3 =$  \_\_\_\_\_

43.  $4\frac{1}{2} \times 2\frac{1}{2} =$  \_\_\_\_\_ (mixed number)
44. A right triangle with legs 8 and 15 has a hypotenuse of \_\_\_\_\_
45.  $6\frac{1}{3} - 4\frac{1}{2} =$  \_\_\_\_\_ (mixed number)
46.  $\frac{7}{8} \div \frac{7}{16} =$  \_\_\_\_\_
47. The area of a circle whose radius is 3 cm is  $k\pi$  cm<sup>2</sup>. Find  $k$ . \_\_\_\_\_
48.  $43_{10} =$  \_\_\_\_\_ <sub>7</sub>
49. 75% of 80 is \_\_\_\_\_
- \* 50.  $5^6 \div 26 =$  \_\_\_\_\_
51. If  $x = 7$ , then  $3x - 4 =$  \_\_\_\_\_
52.  $\frac{5}{6} + \frac{6}{5} =$  \_\_\_\_\_ (mixed number)
53. If  $A = \{1, 7, 3, 2\}$  and  $B = \{7, 8, 2, 4\}$ , then  $A \cap B$  has how many elements? \_\_\_\_\_
54.  $143 \times 111 =$  \_\_\_\_\_
55. If three times a number added to 6 is the same as the number added to 24, what is the number? \_\_\_\_\_
56. The next term in the sequence 8, 12, 16, 20, ... is \_\_\_\_\_
57.  $\sqrt{144} =$  \_\_\_\_\_
58.  $4\frac{1}{4} \div 1\frac{1}{2} =$  \_\_\_\_\_ (mixed number)
59.  $(7 \times 15 + 31) \div 4$  has a remainder of \_\_\_\_\_
- \* 60.  $6\frac{1}{4}\%$  of 12889 is \_\_\_\_\_
61. The volume of a box whose dimensions are 7 inches by 8 inches by  $1\frac{1}{2}$  inches is \_\_\_\_\_ cubic inches
62.  $50 - 63 =$  \_\_\_\_\_
63. How many sides does a nonagon have? \_\_\_\_\_
64. What angle is complementary to  $40^\circ$ ? \_\_\_\_\_  $^\circ$
65.  $73 \times 33 =$  \_\_\_\_\_
66.  $3^4 + 4^3 - 2^5 =$  \_\_\_\_\_
67.  $102 \times 107 =$  \_\_\_\_\_
68. 32% of \_\_\_\_\_ is 64
69. If  $5x - 8 < 7$ , then  $x <$  \_\_\_\_\_
- \* 70.  $1428 \times 91 =$  \_\_\_\_\_
71.  $21^2 + 63^2 =$  \_\_\_\_\_
72.  $(-3)(-2)(-1) =$  \_\_\_\_\_
73. What is the probability of rolling a pair of dice and getting a sum of 5? \_\_\_\_\_
74. The area of a rhombus whose diagonals are 6 and 15 is \_\_\_\_\_
75. How far apart are the numbers  $-4$  and  $-16$  on the number line? \_\_\_\_\_
76.  $51$  base 6  $- 22$  base 6  $=$  \_\_\_\_\_ base 6
77.  $99 \times 95 =$  \_\_\_\_\_
78. If 1 rod = 5.5 yards, how long is 6 rods? \_\_\_\_\_ yd
79. Round  $2\pi$  to the nearest integer. \_\_\_\_\_
- \* 80.  $15 \times \sqrt{151515} =$  \_\_\_\_\_