

2001 - 2002 TMSCA Middle School Number Sense Test # 5

- 1) $412 + 698 =$ _____
- 2) $7^2 =$ _____
- 3) $4.8\% =$ _____ (decimal)
- 4) $25 \times 84 =$ _____
- 5) $4.12 + 6.01 + .37 =$ _____
- 6) $191919 \div 19 =$ _____
- 7) $566 \times 11 =$ _____
- 8) $\frac{1}{2} + \frac{3}{8} =$ _____
- 9) $1997 + 1998 + 1999 =$ _____
- *10) $7\frac{3}{7} \times 5\frac{4}{9} \times 11\frac{3}{8} =$ _____
- 11) $\frac{24}{56}$ reduced to lowest terms is _____
- 12) Which is larger - $\frac{4}{7}$ or $\frac{6}{11}$? _____
- 13) 408 = _____ Roman Numeral
- 14) $35 \times 18 =$ _____
- 15) $6.14 \times 10^{-2} =$ _____
- 16) $85 \times 85 =$ _____
- 17) The mean of 29, 23, 25 and 23 is _____
- 18) $18 \div 2 - 3 \times 3 =$ _____
- 19) $50 \times 2.4 =$ _____
- *20) $16,712 + 43,814 + 9211 - 4801 =$ _____
- 21) The additive inverse of $4\frac{1}{7}$ is _____
- 22) $111 \times 17 =$ _____
- 23) $4 - (-5) + (-11) =$ _____
- 24) $26 \times 54 =$ _____
- 25) 4800 centiliters = _____ liters
- 26) $18 \div 1.5 =$ _____
- 27) If $1 = \frac{n}{5} - 7$, then n = _____
- 28) $614 \div 11$ has a remainder of _____
- 29) If a = 6, b = 3, and c = 2, then $\sqrt{abc} =$ _____
- *30) 29% of 8366 is _____
- 31) 60% of 40 is _____
- 32) $29 \times 21 =$ _____
- 33) 36 has _____ prime factors
- 34) $7 \times 18 + 32 \times 7 =$ _____
- 35) If 2 Chocolate Swirls cost 58¢, then a half dozen cost \$ _____
- 36) $96 \times 16 =$ _____
- 37) $\frac{2}{3} =$ _____ %
- 38) $108^2 =$ _____
- 39) $11\frac{1}{3} \times 4\frac{1}{3} =$ _____ (mixed number)
- *40) $403 \times 287 =$ _____
- 41) $94 \times 94 =$ _____
- 42) The area of a circle with diameter 18 is _____

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- 43) $16_9 =$ _____ $_{10}$
- 44) The supplement of a 76° angle is _____ $^\circ$
- 45) If $\frac{1}{5} - \frac{1}{8} = \frac{1}{x}$, then $x =$ _____
- 46) 42% of 25 is 14% of _____
- 47) $2 + 4 + 6 + \dots + 22 + 24 =$ _____
- 48) The area of a triangle with base 4 and height 19 is _____
- 49) $\frac{9}{40} =$ _____ (decimal)
- *50) $\pi^5 =$ _____
- 51) 64 ounces = _____ pounds
- 52) $56 \times 125 =$ _____
- 53) {W, A, T, E, R} has _____ proper subsets
- 54) $\overline{.18} =$ _____ (fraction)
- 55) If $f(x) = x^2$, then $f(3) =$ _____
- 56) The area of a square with diagonal 20 is _____
- 57) $8 \text{ ft} \times 27 \text{ ft} \times 4 \text{ ft} =$ _____ yds^3
- 58) $1111^2 =$ _____
- 59) $\sqrt{(32)(18)} =$ _____
- *60) $35 \times 142857 =$ _____
- 61) $136_8 =$ _____ $_{10}$
- 62) The probability of drawing a 10 from a standard deck of playing cards is _____
- 63) The slope of the line $-3x + y = 6$ is _____
- 64) 50° Fahrenheit = _____ $^\circ$ Celsius
- 65) If the hypotenuse of a 45-45-90 triangle measures $13\sqrt{2}$, then a leg measures _____
- 66) $994 \times 999 =$ _____
- 67) The side of a square with diagonal $7\sqrt{2}$ is _____
- 68) $\frac{5}{3} + \frac{3}{5} =$ _____ (mixed number)
- 69) $9! \div 7! =$ _____
- *70) $\sqrt{3100} =$ _____
- 71) $3367 \times 24 =$ _____
- 72) $\sqrt{98}$ simplified is _____
- 73) $3\frac{1}{3} \times 9\frac{2}{3} =$ _____ (mixed number)
- 74) $45_7 + 22_7 =$ _____ $_7$
- 75) 32 is 8% of _____
- 76) $(x - 1)(x + 7) =$ _____
- 77) $210_3 =$ _____ $_9$
- 78) $8^2 + 24^2 =$ _____
- 79) $\sqrt{529} =$ _____
- *80) $2^9 =$ _____