(1) \((7 - 14) \times 14 + (28 ÷ 7) = \) ______________

(2) \(16\% = \) ______________ (proper fraction)

(3) \(16 \times 302 = \) ______________

(4) \(562 - 628 = \) ______________

(5) \(\frac{9}{10} \times \frac{2}{3} = \) ______________

(6) \(112 - 358 = \) ______________

(7) \(2012 \times 25 = \) ______________

(8) \(27 \times 27 = \) ______________

(9) \(562 - 628 = \) ______________

(10) \(2012 \times 25 = \) ______________

(11) \(17 \times \frac{17}{14} = \) ______________ (mixed number)

(12) If 1 gram = .04 oz., then 4 oz. = _______ grams

(13) \(25 \times 46 = \) ______________

(14) The GCD of 48 and 57 is ______________

(15) The average of 18, 29, and 16 is ______________

(16) MCXI + DLI = ______________ (Arabic Numeral)

(17) Which is larger: \(\frac{5}{9}\) or \(\frac{7}{11}\)? ______________

(18) \(13 \times \frac{13}{15} = \) ______________ (mixed number)

(19) \(\frac{1}{4} + \frac{3}{3} = \) ______________ (mixed number)

(20) \(419 \times 481 = \) ______________

(21) \((16 + 3 \times 13) ÷ 7\) has a remainder of ______________

(22) 200 base ten equals ______________ base 8

(23) \(\sqrt{27} \times 48 = \) ______________

(24) \(12 \times 12 \times 12 = \) ______________

(25) The set \(\{f, i, v, e\}\) has ________ proper subsets

(26) If \(\frac{8}{x} = \frac{x}{10}\) and \(x > 0\), then \(x = \) ______________

(27) Which of the following is a prime number, 51 or 67? ______________

(28) \(24\%\) of 25 is \(20\%\) of ______________

(29) \((12 \times 23 + 11) ÷ 8\) has a remainder of ______________

*(30) \(\sqrt{111209} = \) ______________

(31) \(93 \times 97 = \) ______________

(32) The discriminant of \(x^2 - 4x + 2\) is ______________

(33) 3 cubic yards equals ______________ cubic feet

(34) 2.25 yards = ______________ inches

(35) If 8 pens cost $12.20, then 4 dozen pens cost $__

(36) \(3x + 4y = 5\) and \(x + 2y = -3\), \(x = \) ______________

(37) The next term in the geometric sequence, \(\ldots, 2, 5, 14, 32, \ldots\) is ______________

(38) The product of the first 3 prime numbers is ______________

(39) Let \(x = 2y, y = 3z,\) and \(z = -1\). Find \(xyz\). ______________

*(40) \(32 \times 17 + 33 \times 16 = \) ______________

(41) \(\frac{2}{3} \times \frac{1}{3} = \) ______________ (mixed number)

(42) If \(A\) is \(\frac{4}{5}\) of \(B\) and \(B\) is \(\frac{4}{5}\) of \(C\), then \(A\) is what percent of \(C\)? ______________

(43) If \(|2x - 1| = 5\) and \(x < 0\), then \(x = \) ______________

(44) The next term of 1, 1, 2, 3, 5, 8, 13, \ldots is ______________

(45) \(34 \times 74 = \) ______________

(46) The cube root of 74088 is ______________

(47) Find the units digit of \(17^6\). ______________
(48) \( \left( \frac{3}{4} \right)^2 \div \left( \frac{3}{8} \right)^2 \times \left( \frac{3}{16} \right)^2 = \) ____________

(49) Find the area of the triangle whose sides are 10, 10, and 16 units long. ________________

*(50) \( \sqrt[4]{413414} = \) ________________

(51) The circumference of the circle \((x-2)^2+(y+4)^2 = 16\) is \(k\pi\). Find \(k\). ________________

(52) \( 7 + 2.8 + 1.12 + \ldots = \) ________________

(53) The complex conjugate of \(3+4i\) is \(3+k\). \(k = \) ____________

(54) \( 4 + \frac{8}{3} + \frac{16}{9} + \frac{32}{27} + \ldots = \) ________________

(55) \( \log_5 \sqrt{125} = \) ________________

(56) A regular pentagon has ___ distinct diagonals.

(57) If \(\log_6(11x + 3) = 2\), then \(x = \) ________________

(58) 18% of 45 of 54% of ________________

(59) \((1-i)(1+i) = a+bi\). Find \(a+b\). ________________

*(60) \( \frac{3}{4} \times 60006 \div 18 = \) ________________

(61) \( \sin\left( \frac{5\pi}{6} \right) = \) ________________

(62) The circumference of the circumscribed circle around a 20, 21, 29-right triangle is \(k\pi\). \(k = \) ____________

(63) The sum of the coefficients of \((x+y)^4\) is ____________

(64) \(630^\circ\) equals \(k\pi\) radians. Find \(k\). ________________

(65) \(\ln(e^4) = \) ________________

(66) \(\cos\left( \arcsin \left( \frac{4}{5} \right) \right) = \) ________________

(67) \(34 + 13 + 5 + 2 + 1 = \) ________________

(68) \(\frac{5}{6} + 1.2 - 2 = \) ________________

(69) \(1 + 8 + 27 + 64 + 125 + 216 = \) ________________

*(70) \(e^3 \times \pi^3 = \) ________________

(71) \(y = \frac{1}{x+1} - 3\) has a horizontal asymptote at \(y = \) ________________

(72) \(\int_0^1 1 - x^2 \, dx = \) ________________

(73) If \(\sin \theta = .8\) then \(\cos \theta = \) ________________ in QIV

(74) If \(x^2 + x + 1\), find \(f(f(1))\). ________________

(75) If 68(mod 14) \(\equiv x\), whereas \(0 \leq x \leq 9\), then \(x = \) ____________

(76) \(3\ln(e^4) = \) ________________

(77) If \(x > 0\) and \(|3x + 16| = 20\), then \(x = \) ________________

(78) \(\int_0^1 x^4 \, dx = \) ________________

(79) \(1245 \div 35 = \) ________________

*(80) \(\frac{3}{13} \times \sqrt{441} \times 26 = \) ________________