(1) \(297 \div 11 = \) ____________________________

(2) \(16 + 14 \div 7 \times 8 = \) ____________________________

(3) \(\frac{7}{8} \% = \) ____________________________ (decimal)

(4) \(\frac{2}{3} \div \frac{4}{5} = \) ____________________________

(5) \(\frac{9^2}{8^2 - 1} = \) ____________________________ (mixed number)

(6) \(11 \times 76 = \) ____________________________

(7) \(33^2 = \) ____________________________

(8) \(3 \frac{1}{6} + 3 \frac{1}{4} = \) ____________________________ (mixed number)

(9) \(123 \times 9 + 5 = \) ____________________________

*(10) \(75 + 236 - 4198 = \) ____________________________

(11) \(\frac{7}{8} = \) ____________________________ \% (mixed number)

(12) \(\frac{3}{7} - \frac{3}{14} - \frac{3}{21} = \) ____________________________

(13) 13.5 is what percent of 25? ____________ \% 

(14) The GCF of 24, 32, and 48 is ____________

(15) \(\frac{7}{8} = \) ____________________________ \% (decimal)

(16) The median of 1, 5, 2, 3, 3, 2, 1, &4 is ____________

(17) 34 is what \% of 85? ____________ \%

(18) 18\% of 22 = ____________________________ (decimal)

(19) The multiplicative inverse of 11 is ____________

*(20) \(\sqrt{959} \times \sqrt{1091} = \) ____________________________

(21) If \(\frac{3}{4} = \frac{3x}{5}\), then \(x = \) ____________________________

(22) \(44 \times \frac{44}{51} = \) ____________________________ (mixed number)

(23) \(|-5 - | -3| - 7| = \) ____________________________

(24) The product \(2^2 \times 3^2 \times 5^1\) has how many positive integral divisors? ____________

(25) \(\frac{7}{4} \times 49 \frac{1}{7} = \) ____________________________ (mixed number)

(26) \(41 \times 49 = \) ____________________________

(27) \(0.444\ldots + 0.888\ldots = \) ____________________________

(28) \(1.5 \times 1.6 \times 2.4 = \) ____________________________ (decimal)

(29) \(\sqrt{1728} = \) ____________________________

*(30) \(\sqrt{34596} = \) ____________________________

(31) Set \(A\) has 8 elements, set \(B\) has 12, \(A \cap B\) has 5, and \(A \cup B\) has \(k\). Find \(k\). ____________

(32) \(\frac{13}{14} = \) ____________________________ \% (mixed number)

(33) \(111 \times 136 = \) ____________________________

(34) \(|6 - | -3 - 6|| = \) ____________________________

(35) 14 cups is what percent of a quart? ____________ \%

(36) Which of the following is an extravagant number: 9, 10, or 11? ____________

(37) How far do you travel in 2 hrs and 20 minutes at a constant speed of 60 miles per hour? ____________ miles

(38) \(|-(2 - 4) - |6 - 8|| = \) ____________________________

(39) \(3904 \div 61 = \) ____________________________

*(40) \(16 \frac{1}{2}\% \) of 598 \(\times 11 = \) ____________________________

(41) \(122 \times 131 = \) ____________________________

(42) If \(4^{x+2} = 48\), then \(4^x = \) ____________________________

(43) \(125 \times 102 = \) ____________________________

(44) If \(xy = -1\) and \(x - y = 3\), then \(x^3 - y^3 = \) _______
(45) \( \frac{11}{13} + \frac{2}{11} = \) ___________ (mixed number)

(46) Find the units digit of 17\(^6\). ___________

(47) If \( xy = 2 \) and \( x - y = 1 \), then \( x^3 - y^3 = \) ___________

(48) \( 18 \times 5! - 30 \times 4! = \) ___________

(49) \( 40^\circ C = \) ___________ \(^\circ F\)

*(50) \( 18^2 \div 9^3 \times 3^6 = \) ___________

(51) The area of the ellipse \( 4x^2 + 9y^2 = 36 \) is \( k\pi \).

\[ k = \] ___________

(52) If \((4 - 3i)^2 = a + bi\), then \( a = \) ___________

(53) The first four digits of \( \frac{23}{90} \) is 0. ___________

(54) \((2 + 3i)(2 - 3i) = a + bi\). Find \( a + b \). ___________

(55) \((1 - 2i)(3 + 4i) = a + bi\). Find \( b \). ___________

(56) If \( \log_1 2x = 3 \) then \( x = \) ___________

(57) 36% of \( \frac{2}{3} \) is ___________

(58) An obtuse triangle has integer sides of 3, \( x \), and 7.

The smallest value of \( x \) is ___________

(59) \( 43^2 + 26^2 = \) ___________

*(60) \( 87493 \div 12497 \times 625 = \) ___________

(61) \( 567 \times 111 = \) ___________

(62) If \( Z \div 101 = 212 \), then \( Z = \) ___________

(63) If \( f(x) = [x - 2.4] \) is the greatest integer function, then the value of \( f(8.1) \) is ___________

(64) \( \cos^2(45^\circ) - \sin^2(45^\circ) = \) ___________

(65) The simplified coefficient of the \( x^2y^3 \) term in the expansion of \((2x + y)^5\) is ___________

(66) \( 3\cos^2 30^\circ + 3\sin^2 30^\circ = \) ___________

(67) If \( \log_4 8 = y \) then \( y^2 - 1.25 = \) ___________

(68) Find the sum of the squares of the roots of the equation \( x^2 + 5x + 6 = 0 \). ___________

(69) If \( \sin 43^\circ = \cos A, A \in QI \), then \( A = \) ___________ \(^\circ\)

*(70) \( 571428 \times 35 = \) ___________

(71) If the domain of \( f(x) = \sqrt{3x - 5} \) is \( \{x|x \geq 2\} \), then the range is \( \{f(x)|f(x) \geq \) ___________ \} \)

(72) If \( f(x) = 4x - 1 \), then \( f^{-1}(7) = \) ___________

(73) The dot product of \( u = (4, 2) \) and \( v = (-1, 3) \) is ___________

(74) \( 3^7 \div 4 \) has a remainder of ___________

(75) Given \( 5966 \div 38 = 157 \). Find \( 5966 \div 9 \frac{1}{2} \). ___________

(76) \( 1(1!) + 2(2!) + 3(3!) + \ldots + 5(5!) = \) ___________

(77) The 18th triangular number is ___________

(78) The area of the circle \( x^2 + y^2 + 4x - 21 = 0 \) is \( k\pi \).

\[ k = \] ___________

(79) \[ \sum_{k=1}^{3} (-k)^2 = \] ___________

*(80) \( 693 \div 77 \frac{7}{9} \times \frac{1}{3} = \) ___________