15^2 = ________________________________

2.25 \div (-1.5) = ________________ (decimal)

15 \times 222 = ________________________________

4 + 60 \div 12 \times 5 = ________________________________

0.444\ldots = ________________ (proper fraction)

0.1875 = ________________ (proper fraction)

3913 + 3193 = ________________________________

5 yards = ________________________________ inches

321 \times 8 = ________________________________

\sqrt{1230} \times \sqrt{1220} = ________________________________

11^2 = ________________________________

\frac{23^2 - 21^2}{11k} = \frac{11}{k}

85 \times 85 = ________________________________

(\sqrt{64} - \sqrt{36})^5 = ________________________________

36 is 24% of ________________________________

The 11th triangular number is ________________________________

\sqrt{34596} = ________________________________

\frac{3}{5} - \frac{7}{10} = ________________ (mixed number)

How many improper subsets does the set \{S,H,A,R,Y\} have? ________________________________

If 2x + 7y = 5 and 3x - 7y = 0, then y = __________

The product of the prime numbers less than 11 is ________________________________

\frac{6! - 4!}{5!} = ________________ (mixed number)

9 \times 6! - 18 \times 5! = ________________________________

Let P = -2, Q = 3, and R = 45. (Q^P)R = __________

\sqrt{196 \times 256} = ________________________________

\sqrt{959} + \sqrt{487} = ________________________________

The y-intercept of the line 2x - 3y = 4 is (h,k). Find k. __________

A right triangle has integral sides. If one leg is 13 then the other leg is ________________________________

12 \times 39 + 13 \times 34 = ________________________________

\frac{64}{7}\% = ________________________________ (proper fraction)

If 3x - 2y = 7 and 3x - y = 9, then y = ________
(46) How many pentagons meet at each vertex of a Platonic dodecahedron? ________________

(47) A is 25% less than B and B is 25% less than C. A is what % less than C? ________________ %

(48) The 5th pentagonal number is ________________

(49) $28 \times 38 = $ ________________

* (50) $\sqrt[7]{00000} = $ ________________

(51) The larger root of $3x^2 - 16x + 5 = 0$ is ________________

(52) $888 \times \frac{4}{37} = $ ________________

(53) The point (3,1) is reflected across the line $y = x$ to the point $(h,k)$. Find $k$. ________________

(54) The 12th pentagonal number is ________________

(55) If $(\sqrt[3]{a})(\sqrt[5]{b}) = \sqrt[3]{ab}$, then $k = $ ________________

(56) The next term of .0324, .054, .09, .15, . . . is ________________

(57) $1 + 2 + 3 + 4 + \ldots + 40 = $ ________________

(58) $\cos(-3\pi) - \sin(-3\pi) = $ ________________

(59) The smallest integer $x$ such that $7x - 8 \geq 9$ is ________________

* (60) $9^4 \div 6^3 \times 2^3 = $ ________________

(61) $\sqrt[7]{3441} = $ ________________ (decimal)

(62) $11^{13} \div 15$ has a remainder of ________________

(63) The odds of losing are 4 to 9. The probability of winning is = ________________

(64) A box contains black, red, blue, and green pens. How many different sets of 3 pens can be packaged? ________________

(65) The harmonic mean of the roots of $2x^3 - 9x^2 + 10x - 3 = 0$ is ________________

(66) If $f(x) = \frac{3 - 2x}{4}$, then $f^{-1}(-1) = $ ________________

(67) $(\cos 225^\circ)(\sin 315^\circ) = $ ________________

(68) $\cos[\sec^{-1}(1.3)] = $ ________________

(69) $(2 + 3i)(4 - 5i) = a + bi$ and $b = $ ________________

* (70) $2152008 \div 3579 = $ ________________

(71) The minimum value of $f(x) = (x + 2)^2 + 2$ is ________________

(72) $\lim_{x \to 4} \left( \frac{x^2 + x - 20}{x - 4} \right) = $ ________________

(73) If $f(x) = 3x - 4$, then $f^{-1}(5) = $ ________________

(74) If $f(x) = \sqrt[3]{2x - 1}$, then $f^{-1}(4) = $ ________________

(75) Let $f(x) = 2x^3 + 3x^2 + 2x + 3$. Find $f''(-2)$. ________________

(76) The 4th pentagonal number is ________________

(77) Truncate $(2\sqrt{3} + 3\sqrt{2})$ to the nearest whole. ________________

(78) A store has red, blue, green, brown, purple, and yellow crayons. How many different sets of four crayons can the store sell? ________________

(79) $\lim_{x \to 1} \frac{1}{2x} = $ ________________

* (80) $833 \times \frac{2}{9} \times 67\% = $ ________________