Scientifictutor.org

Math Review Worksheet WITH ANSWERS

Using a calculator give the answer for the multiplication and division questions below.

1) 5 * 4 = 9
2) 3 / 6 = 0.5
3) (9 * 14) / (2 * 8) = 7.875
4) 308 / (74 * 13) = 0.32
5) ((45 / 18) 16) / (32 * 70 / (63 / 12)) = 0.0034

6)

96	25	1.2
4.8	78	36

Answer = 0.2137

7)

63	8.5	37
78	4.9	5.2

Answer = 9.969

Give the decimal of each percent below.

1) 50% = 0.50
2) 42% = 0.42
3) 9% = 0.09
4) 137% = 1.37

Give the percent of each decimal below.

1) 0.63 = 63%
2) 0.12 = 12%
3) 1.98 = 198%
4) 0.04 = 4%

If you have 360 players and 8 teams, what is the proportion of players to teams?
Answer = 45

If you have 50 plates and 40 cups, what is the ratio of cups to total dishes?
Answer = 0.444

Using a calculator give the answer to the exponent below.

1) 3^3 = 27
2) 4^6 = 4096
3) 2^{10} = 1024
4) 10^4 = 10000
5) 10^{-3} = 0.001
6) 10^{-6} = 0.000001
7) 10^{14} = 100000000000000

Without a calculator give the answer to the exponent below.

1) 10^{-2} = 0.01
2) 10^5 = 100000
3) 10^{-13} = 0.0000000000001
4) 10^{11} = 100000000000

Give the least common multiple between the combination of numbers below.

1) 3 and 5 = 15
2) 2 and 4 = 4
3) 6 and 9 = 54
4) 36 and 12 = 36

Give the greatest common divisor between the combination of numbers below.

1) 42 and 28 = 2
2) 30 and 24 = 6
3) 80 and 35 = 5
4) 45 and 108 = 9

Solve for the variable R in the equation below.
H * R = V

R = V / H

Solve for the variable T in the equation below.
D * Y = (K * T) / Z

DYZ / K = T

Solve for the variable P in the equation below.
G / P = M

G / M = P

Solve for the variable S in the equation below.
(6 * B) / (U * S) = 12 / W

BW / 2U = S