D1   9.345 * X =   0.9345
      Find numeric value of X, that the equality statement is TRUE

D2   345 / 1000 =

D3   0.9345 * 1,000 =

D4   0.009345 * 100 =

D5   100.001 * X = 1.00001
      Find numeric value of X, that the equality statement is TRUE

M1   Explain why multiplying number in decimal form by 10 is the same as
      shifting decimal point one position to the right. Give an example.

M2   Explain why dividing number in decimal form by 10 is the same as
      shifting decimal point one position to the left. Give an example.

Find possible values of x, so that the following statements are true.

E1 $14 / x = 98 / (x - 1)$

E2 $0.014 / x = 0.098 / (x - 1)$

E3 $0.014 / (x + 3) = 0.098 / (7*x - 7)$

E4 $2*x / 3 - x / 4 = 1/24$

E5 $2 / (3*x) - 4 / x = 1/24$

W1   Sum of two numbers is -4. One of them is greater than the other by 0.8. What are the values of each of the numbers?

W2   Meg cleans apartment for 4 hours, Dan for 6. How many hours will take them to clean together?

W3   Meg cleans apartment for 6 hours, Dan for 8. How many hours will take them to clean together?

W4   Charles can do a job in 1 hour, Bill can do the job in 2 hours, and Bob cab do the job in 3 hours. How long does it take them to do the job together?

W5   A tub is shaped like rectangular solid with internal measurements of 48 inches * 72 inches * 96 inches. If two faucets, each with an output of 3 cubic feet of water per minute, pour water into the tub simultaneously, how many minutes does it take to fill the tub completely?

W6   A sport club has a ratio of girls to boys of 4 to 11. If the club has a total of 225 members, what is the difference between the number of girls and the number of boys?

W7   How do you divide $100 in two pars so that one part is 49 times greater than the other?