Subtracting Decimals Challenge – Butterflies

30.06.20

1) a) Here is a subtraction calculation with all the numbers hidden. The answer is between 4 and 5. What could the calculation be? Find 4 possible calculations.
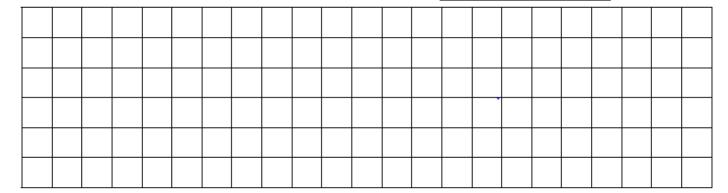
	?	?	?	?
−	?	?	?	

b) This time, you can only use the digit 1-7 once in the question. The answer is between 4 and 5. Find as many possible solutions as you can.

	?	?	?	?
−	?	?	?	

2)

A − 1.74 = B

B − C = D

A and B are 4-digit numbers with three decimal places.
C is a 3-digit number with two decimal places.
D is a decimal number between 2 and 3.

What could the values of A, B, C and D be? Find as many different sets of numbers as you can.

1) a) Possible solutions include:
    6.456 – 1.92 = 4.536
    8.412 – 3.87 = 4.542
    5.321 – 0.98 = 4.341
    4.987 – 0.32 = 4.667

   b) Possible solutions include:
    5.723 – 1.46 = 4.263
    5.672 – 1.34 = 4.332
    6.754 – 2.13 = 4.624
    7.641 – 3.25 = 4.391

2) Possible solutions:

   A = 6.354   A = 5.478   A = 4.985
   B = 4.614   B = 3.738   B = 3.245
   C = 2.13   C = 1.23   C = 1.24
   D = 2.484   D = 2.508   D = 2.005