Like and Unlike Decimals

A. Choose the correct answer:

1. Which of the following is a like decimal pair?

a) 1.2 and 1.20 b) 0.3 and 0.35

c) 2.1 and 2.13 d) 5.5 and 5.555

2. Which decimal is unlike 3.06?

a) 3.6 b) 3.060

c) 3.00 d) 3.0600

3. Like decimals have

a) Same digits b) Same whole numbers

c) Same number of decimal places d) Same value

4. 0.700 and 0.7 are

a) Unlike decimals b) Equal but unlike

c) Like decimals d) Different in value

5. Which of the following groups has all like decimals?

a) 1.2, 1.23, 1.230 b) 0.1, 0.10, 0.100

c) 3.3, 3.30, 3.003 d) 5.0, 5.00, 5.000

B. Write the Missing Terms to Complete the Sentences:

1. 0.4 and 0.40 are _____ decimals
2. Like decimals have the same number of _____ places
3. 2.35 and 2.5 are _____ decimals
4. 7.000 and 7.0 have _____ value
5. To compare unlike decimals, make the number of _____ places the same

C. Mark each sentence with a True (✔) or False (✗):

1. 1.50 and 1.5 are unlike decimals _____
2. 0.6, 0.60 and 0.600 are like decimals _____
3. Like decimals always have equal value _____

4. Unlike decimals can be made like decimals by adding zeros _____
5. 4.04 and 4.40 are like decimals _____

D. Figure out the answers to these questions:

1. Write two like decimals and two unlike decimals
2. Make 4.2 and 4.25 like decimals and compare them
3. Are 0.5 and 0.50 like decimals? Explain
4. Add 1.6 and 1.65 by first making them like decimals
5. Arrange in ascending order after converting to like decimals: 2.3, 2.35, 2.305

E. Challenge yourself with these questions:

1. Rewrite the following as like decimals and arrange in descending order:

   5.2, 5.23, 5.203

2. Convert these into like decimals and add:

   3.5, 3.55

3. Identify the like and unlike decimals:

   a) 0.70 b) 0.7 c) 0.07

4. Subtract after making like decimals:

   2.4 – 2.35

5. How many decimal places are there in 0.5, 0.50, and 0.500? Are they all like decimals?