Comparing decimals

A. Choose the correct answer:

1. Which is greater?

a) 0.6

b) 0.60

c) Both are equal

d) Cannot be compared

2. Which is the smallest decimal?

a) 0.09

b) 0.9

c) 0.099

d) 0.19

3. Which of the following is correct?

a) 3.5 > 3.50

b) 3.50 > 3.5

c) 3.5 = 3.50

d) 3.05 > 3.5

4. Which number is greater than 1.23?

a) 1.2

b) 1.203

c) 1.230

d) 1.3

5. Arrange in descending order: 0.7, 0.77, 0.707
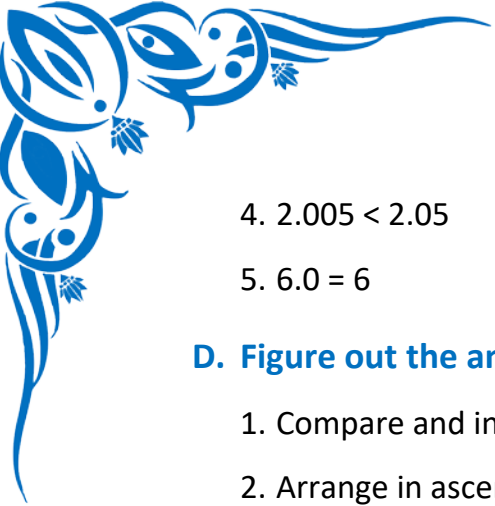
a) 0.77, 0.707, 0.7

b) 0.7, 0.707, 0.77

c) 0.77, 0.7, 0.707

d) 0.707, 0.7, 0.77

B. Write the Missing Terms to Complete the Sentences:

1. 0.6 and 0.60 are _____ in value

2. To compare decimals, make the number of _____ places the same

3. 0.305 is _____ than 0.35

4. 1.1 is _____ than 1.09

5. 4.00 and 4 are _____

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

1. 0.8 = 0.80 _____

2. 0.07 > 0.7 _____

3. 4.25 < 4.205 _____

4. 2.005 < 2.05   _____

5. 6.0 = 6   _____

D. Figure out the answers to these questions:

1. Compare and insert <, > or = : 2.4 ___ 2.40

2. Arrange in ascending order: 0.3, 0.33, 0.303

3. Which is greater: 5.75 or 5.705? Explain

4. Rewrite the following with equal decimal places: 0.5, 0.55, 0.505

5. Circle the greatest decimal: 7.01, 7.10, 7.001.

E. Challenge yourself with these questions:

1. A pencil costs ₹3.25 and a pen costs ₹3.5. Which one is costlier and by how much?

2. Compare 1.25 and 1.205. Write the greater one

3. Write the correct order:

   0.12, 0.102, 0.120

4. Compare these decimals using place value:

   3.9 and 3.99

5. Riya ran 1.58 km and Siya ran 1.6 km. Who ran farther?