Division of a decimal by Another Decimal

A. Choose the correct answer:

1. What is 0.6 ÷ 0.2?

   a) 0.3   b) 3

   c) 1.2   d) 0.12

2. 0.9 ÷ 0.3 equals

   a) 3   b) 0.3

   c) 0.9   d) 2

3. Divide 1.5 ÷ 0.5

   a) 3   b) 0.3

   c) 0.5   d) 2

4. What is the result of 0.25 ÷ 0.05?

   a) 5   b) 0.5

   c) 2.5   d) 25

5. Which is the correct value of 0.08 ÷ 0.4?

   a) 0.32   b) 2

   c) 0.2   d) 0.4

B. Write the Missing Terms to Complete the Sentences:

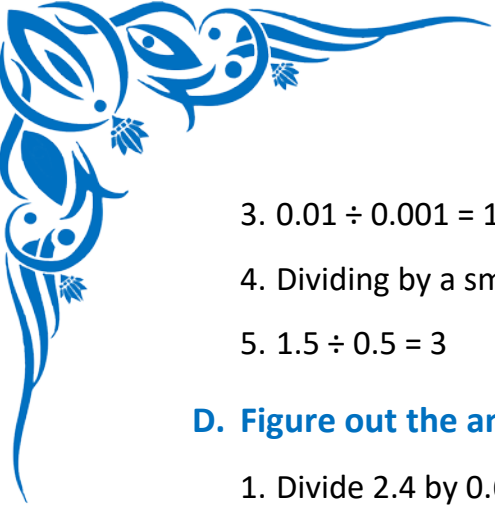1. 0.5 ÷ 0.1 = _____

2. 0.24 ÷ 0.6 = _____

3. 1.2 ÷ 0.4 = _____

4. To divide a decimal by another decimal, we make the divisor a _____ number

5. 0.45 ÷ 0.05 = _____

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

1. 0.2 ÷ 0.1 = 2   _____

2. 0.4 ÷ 0.4 = 0   _____

3. 0.01 ÷ 0.001 = 10 _____

4. Dividing by a smaller decimal increases the value _____

5. 1.5 ÷ 0.5 = 3 _____

D. Figure out the answers to these questions:

1. Divide 2.4 by 0.6 and write the result in decimal.

2. Find the value of 0.18 ÷ 0.03.

3. Divide 0.36 ÷ 0.12 and explain how the decimal places are handled.

4. Find how many times 0.05 fits in 1.

5. Divide 0.9 ÷ 0.3 and then multiply the result by 0.1.

E. Challenge yourself with these questions:

1. A jug holds 0.75 L of juice. How many 0.25 L glasses can be filled from it?

2. Divide 0.36 by 0.09 and explain your answer

3. A cloth strip is 0.45 m long. If each piece is 0.15 m, how many pieces can be cut?

4. Divide 0.64 by 0.08 and write the result in decimal

5. A packet weighs 0.5 kg. If 0.05 kg is taken out at a time, how many times can it be done?