Division of Decimals

A. Choose the correct answer:

1.	What	is 0.6	÷2?

a) 0.3	b) 0.06		
c) 1.2	d) 0.12		
2. 1.2 ÷ 4 equals			
a) 0.03	b) 0.3		
c) 3.0	d) 0.25		
3. Which of the following is correct?			
a) 0.9 ÷ 3 = 0.6	b) 0.9 ÷ 3 = 0.3		

- c) $0.9 \div 3 = 3$ d) $0.9 \div 3 = 9$
- 4. Divide 0.5 by 0.1

a) 0.5	b) 5
c) 0.05	d) 50

- 5. 0.75 ÷ 0.25 equals
 - a) 0.3 b) 3 c) 0.25 d) 7.5

B. Write the Missing Terms to Complete the Sentences:

- 1. 0.8 ÷ 2 = _____
- 2. 0.6 ÷ 0.2 = _____
- 3. When dividing a decimal by 10, move the decimal point one place to the _____
- 4. 1.5 ÷ 3 = _____
- 5. 0.45 ÷ 5 = _____

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

- 1. 0.5 ÷ 0.1 = 5
- 2. 2.4 ÷ 0.2 = 12 _____
- 3. Dividing a decimal by a whole number increases the number _____

- 4. 1.2 ÷ 3 = 0.4 _____
- 5. 0.06 ÷ 0.3 = 2 _____

D. Figure out the answers to these questions:

- 1. Divide 2.4 by 0.6.
- 2. Find the quotient of $0.36 \div 0.3$.
- 3. Divide 4.5 by 1.5 and write the answer in decimal.
- 4. A rope is 2.4 m long. If it is cut into 4 equal parts, how long is each part?
- 5. Divide 0.12 by 0.04.

E. Challenge yourself with these questions:

- 1. A bottle contains 2.5 L of juice. If poured into 5 equal glasses, how much juice will each glass contain?
- 2. Divide 0.75 ÷ 0.25 and explain the result
- 3. A chocolate bar weighs 1.2 kg. How much does each piece weigh if it is divided into 6 equal parts?
- 4. If 3.6 kg of sugar is packed in 0.6 kg packets, how many packets are made?
- 5. A car travels 9.6 km in 1.2 hours. What is the speed per hour?