Checking Multiples by Division

Α.	Choose the correct answer:	
	1. 36 ÷ 6 = 6 with no remainder. What does this mean?	
	a) 6 is not a multiple of 36	b) 36 is a multiple of 6
	c) 36 is not divisible by 6	d) 6 is greater than 36
	2. Which number is a multiple of 8?	
	a) 45	b) 54
	c) 64	d) 59
	3. If a number divided by 5 gives a remainder, what does it mea	
	a) It is a multiple of 5	b) It is not a multiple of 5
	c) It is always even	d) It is odd
	4. What will be the result of 40 ÷ 4?	
	a) 9 with remainder 1	b) 11 with remainder 2
	c) 10 with no remainder	d) 12 with remainder 4
	5. 81 ÷ 9 = 9. Which of the following is true?	
	a) 81 is a multiple of 9	b) 81 is not divisible by 9
	c) 9 is not a factor of 81	d) 9 × 9 = 72
В.	Write the Missing Terms to Complete the Sentences:	
	1. If 72 ÷ 8 has no remainder, then 72 is a of 8	
	2. 48 is divisible by 6, so 48 ÷ 6 =	
	3. If 60 ÷ 5 = 12, then 60 is a of 5	
	4. 55 ÷ 4 leaves a remainder, so 55 is a multiple of 4	
	5. 100 ÷ 10 =, so 100 is a multiple of	
C.	Mark each sentence with a True (✔) or False (X):	
	1. If a number is divisible by another number with no remainder,	
	2. 50 is not a multiple of 10 because 50 ÷ 10 = 5	

3. 99 ÷ 3 = 33, so 99 is a multiple of 3

- 4. If $42 \div 7 = 6$, then 7 is a multiple of 42
- 5. A number can be a multiple of two different numbers _____

D. Figure out the answers to these questions:

- 1. Check if 84 is a multiple of 7 using division
- 2. Divide 93 by 3 and check whether 93 is a multiple of 3
- 3. Check if 77 is divisible by 8 using division and explain
- 4. A number divided by 4 gives 0 remainder. What can we say about the number?
- 5. Divide 66 by 11 and check if 66 is a multiple of 11

E. Challenge yourself with these questions:

- 1. Divide 120 by 12. Is 120 a multiple of 12?
- 2. Is 95 a multiple of 4? Prove your answer with division
- 3. Check if 108 is a multiple of 9 using division
- 4. Divide 66 by 8. Is there any remainder? What does it mean?
- 5. A number divided by 6 gives 9 with no remainder. What is the number?