Factors

Α.	Choose the correct answer: 1. Which of the following is a factor of 24?	
	a) 5	b) 6
	c) 7	d) 9
	. What is the smallest factor of every number?	
	a) 0	b) 1
	c) 2	d) The number itself
	3. Which number is a factor of both 12 and 18?	
	a) 5	b) 6
	c) 8	d) 10
	4. What is the greatest factor of 16?	
	a) 4	b) 8
	c) 16	d) 12
	. Which of the following numbers has more than 2 factors?	
	a) 3	b) 5
	c) 7	d) 8
Β.	Write the Missing Terms to Complete the Sentences:	
	1. 1 is a factor of number	
	2. Factors of 10 are 1, 2, 5 and	
	3. The greatest factor of a number is the number	
	4. All even numbers have	as a factor
	5. 7 × 4 = 28, so 4 and 7 are	_ of 28
C.	Mark each sentence with a	True ( ✔ ) or False (X):
	1. 1 is a factor of every number	er
	2. 0 is a factor of 5	

- 3. 5 is a factor of 30
- 4. The number itself is always a factor \_\_\_\_\_
- 5. 3 is not a factor of 18

## **D.** Figure out the answers to these questions:

- 1. List all the factors of 20
- 2. Write any 3 numbers which have 6 as one of their factors
- 3. Circle the factors of 36 from the list: 2, 3, 5, 6, 9, 12, 15
- 4. Which number has more factors: 12 or 18? List to compare
- 5. A number is divisible by 3 and 5. Can you find a common factor?

## E. Challenge yourself with these questions:

- 1. Find all the factors of 32
- 2. Is 6 a factor of 45? Prove your answer
- 3. Write down the common factors of 12 and 16
- 4. A number has exactly two factors. What kind of number is it? Give one example
- 5. Which numbers are both factors of 40 and multiples of 2?