



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2021-2022)

TOPIC: MULTIPLES AND FACTORS

WORKSHEET NO. _____

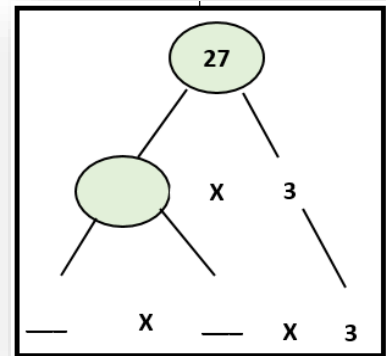
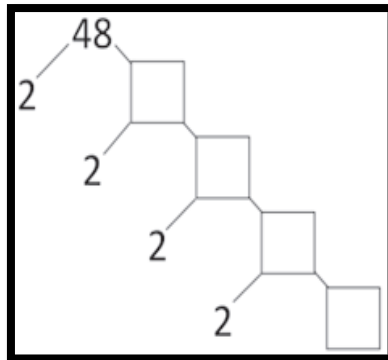
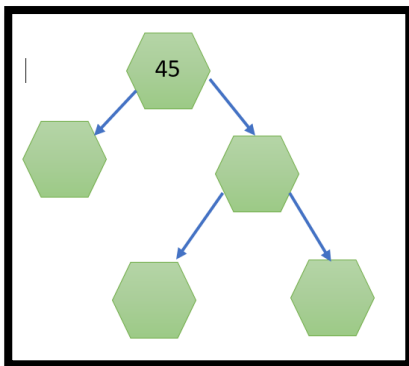
RESOURCE PERSON: Ms. REENAS. SHAIKH

NAME: _____ CLASS: _____ SEC: _____ DATE: _____

1. Emili multiplies the fifth multiple of 4 by the sixth multiple of 3. What will be the result?



2. Complete the factor trees for the following



3. List the first 10 multiples of 2 and 8, and find their common multiples

Multiples of 2	
Multiples of 8	
Common multiples of 2 and 8	

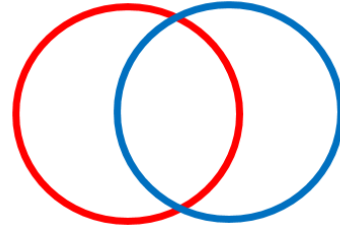
4. Find the common factors of the following pairs of numbers

a) 12 and 36

Factors of 12: -----

Factors of 36: -----

Common factors: -----



5.

Find the factors using multiplication	Find the factors using division.
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">36</div>	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">40</div>

6. Tick (✓) if the statements are yes or No

Sr. No	Statement	Yes	NO
1	Is 5 a factor of 120?		
2	Is 18 a multiple of 2 and 6?		
3	Can a number be multiple and factor of itself? Can 12 be a factor and a multiple of 12?		
4	Is 9 a multiple of 16?		
5	Every Number is not a multiple of itself.		

7. Get it right  **find the error and correct the following statements (change only one word in each statement).**

- 1) Multiples of a number are limited.
- 2) There are uncountable factors of a given number.
- 3) The highest multiple of a number is the number itself.
- 4) The number two has only one factor, that is, 1

8. Sort the given numbers into groups according to their divisibility. Some may belong to more than one group.

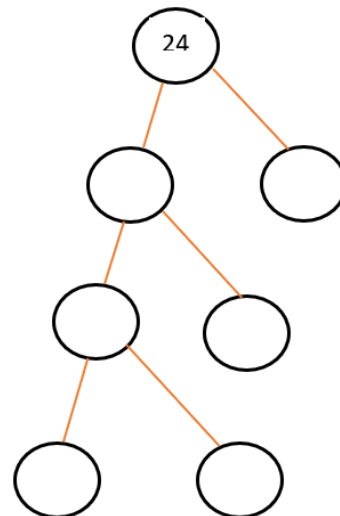
95	534	324	325	300
66	124	270	610	
8046	1055	190	402	905
610	732	204	72	

Divisible By

2	5	10	3	9

9. Use the factor tree to find the factors of 24.

24 = _____



10. Color the multiples of 2 in **RED**, multiples of 3 in **BLUE** and the multiples of 7 in **GREEN** in the following figure.

Find the number that is the multiple of 2 and 3 _____

