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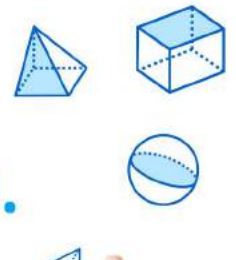

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Divisibility Worksheet-3

1) Check the divisibility of 989 by the following numbers:
   a) 4
   b) 5
   c) 15

2) Check if 2642 is divisible by 8 or not?

3) State whether these statements are true or false.
   a) If a number is divisible by both 7 and 3, then only it is considered as divisible by 21.
   b) Every number ending with 0 is divisible by 10.

4) Find the least possible value of the blank so that the number becomes divisible by 11.

   1234_7

5) Which number(s) is /are divisible by 4?
   a)2339
   b) 2325
   c) 2360
   d) 2343

6) Find the least possible value of the blank so that the number becomes divisible by 8.

   4326_40

7) Fill the blank with the smallest possible digit that makes the given number divisible by 6?

   4352_6

8) Fill the divisibility table given below by writing ‘Yes’ or ‘No’.

	Is the number divisible by__?		
Number	11	13	21
9839			
7286			

9) Nine friends have gone to a restaurant for lunch. If the total bill amount is $648, can it be divided equally among all the friends? If yes, what would be the share of each person?

10) List all the numbers from 1 to 10 by which 512 is divisible.

_____, _____, _____, _____

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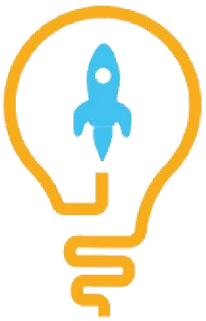

ANSWERS

1)	Not divisible by a , b , c
2)	Not divisible
3)	a) True b) True
4)	d) 9
5)	c) 2360
6)	0
7)	2
8)	Both the numbers are not divisible.
9)	Yes, $72
10)	1, 2, 4, 8

FUN FACT

1. Every number that is divisible by both 3 and 5 is also divisible by 15.
2. Every number is divisible by 1.
3. All the numbers that end by 000 are divisible by 8.