

Prime and Composite Numbers Worksheet-2

1) Circle all the prime numbers in the following chart:



		19	47	34	93	62	75	
9	15	94	23	21	68	49	86	
35	54	63	5	76	85	10	38	
96	22	84	31	53	29	92	64	
77	46	99	18	4	41	50	27	
24	36	57	45	66	73	3	48	
91	12	80	8	74	98	67	59	
69	44	6	39	65	16	55	17	
32	87	78	14	20	33	42	61	
								83



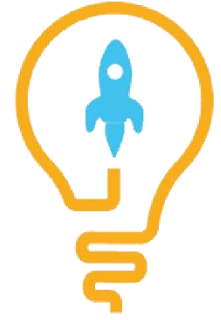
2) Classify the given numbers into prime and composite:

3, 7, 9, 12, 19



Prime Numbers	Composite Numbers

3) Make a list of all the composite numbers from 50 to 70.

- 4) Fill in the blanks:
- The smallest prime number is _____.
 - _____ is the prime number nearest to 90.
- 5) Express 300 as the sum of two prime numbers (either same or unique).
- 6) In a month of 30 days, which dates are prime numbers and which are composite numbers excluding 1?
- 7) List all the factors of 23 and conclude whether it is prime or composite.
- 8) Solve the following riddle.
I am a number between 50 and 100. My ones digit is two less than my tens digit. I am a prime number. What number am I?
- 9) State whether True or False:
Numbers that are co-primes will necessarily be prime too.
- 10) In a particular art class, there are a total of 7 students. Can the teacher make groups of students so that every group will have the same number of students? If No, why?
[Hint: Groups here mean that the minimum number of students in each group should be 2]



ANSWERS

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6)	Dates that are prime numbers- 2, 3, 5, 7, 11, 13, 17, 19, 23, 29 Dates that are composite numbers- 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, 26, 27, 28, 30																																																																																
7)	1 and 23, 23 is a prime number																																																																																
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9)	False																																																																																
10)	No, groups cannot be formed as 7 is a prime number.																																																																																

FUN FACT

1. No prime number greater than 5 ends with 5.
2. Prime numbers having a difference of two are called twin prime numbers.
3. 0 and 1 are neither prime nor composite numbers.

