

FACTORS, MULTIPLES, PRIMES

- 1) List all the factors of 14.
- 2) List all the factors of 36.
- 3) List all the factors of 12.
- 4) List all the factors of 100.
- 5) List all the multiples of 7 up to 50.
- 6) A list of numbers is shown below

1 2 3 4 5 6 7 8 9 10 From this list, state:

- a. The multiples of 3
- b. The factors of 2
- c. The square numbers
- 7) A list of numbers is shown below 60 61 62 63 64 65 66 67 68 From this list, state:
 - a. The multiples of 4
 - b. The multiple of 11
 - c. The factor of 120
- 8) Is 29 a prime number? Why or why not?
- 9) State all the factors of 24.
- 10) What is the smallest prime number?
- 11) Write the first 6 multiples of 5.
- 12) Which numbers between 1 and 20 are prime?
- 13) A number is divisible by 3, if the sum of its digits is divisible by 3. State whether the following numbers are divisible by 3.
 - a. 315
 - b. 476
 - c. 789
 - d. 1005

- 14) What is the 8th multiple of 3?
- 15) State the first eight multiples of 12.
- 16) What is the largest prime number less than 30?
- 17) Write the first 10 multiples of 4.
- 18) What is the next multiple of 9 after 45?
- 19) Is 63 a prime number? If not, list its factors.
- 20) A number is divisible by 4, if it is divisible by 2, twice. State whether the following numbers are divisible by 4.
 - a. 100
 - b. 30
 - c. 60
 - d. 90
 - e. 78
- 21) What is the smallest multiple of 12 that is greater than 100?
- 22) Bob says that all numbers have an even number of factors. Is Bob correct? Why or why not?
- 23) Which of the follow numbers does not belong?

3 15 18 20 21 24 33

24) List all the prime numbers between 50 and 100.