Identifying Factors   Name: _____

List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.

Factors of 12   _1_ , _2_ , _3_ , _4_ , _6_ , _12_   1 × 12 = 12   2 × 6 = 12   3 × 4 = 12

Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)

1) 42   _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

2) 48   _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

3) 73   _____ , _____

4) 93   _____ , _____ , _____ , _____

5) 70   _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

6) 9   _____ , _____ , _____

7) 36   _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

8) 22   _____ , _____ , _____ , _____

9) 15   _____ , _____ , _____ , _____

10) 24   _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

11) 11   _____ , _____

12) 18   _____ , _____ , _____ , _____ , _____ , _____

13) 32   _____ , _____ , _____ , _____ , _____ , _____

14) 91   _____ , _____ , _____ , _____

15) 83   _____ , _____

Identifying Multiples from a List   Name:

Solve each problem.

1) List all the multiples of 6 from the selection of numbers below:
17   30   35   40   42   47   48   51   57   59

1. _____

2. _____

2) List all the multiples of 3 from the selection of numbers below:
4   6   7   12   14   18   20   29   30   31

3. _____

4. _____

3) List all the multiples of 10 from the selection of numbers below:
15   50   58   67   70   80   91   94   103   109

5. _____

6. _____

4) List all the multiples of 3 from the selection of numbers below:
4   5   7   10   12   18   22   23   25   29

7. _____

8. _____

5) List all the multiples of 7 from the selection of numbers below:
16   25   26   35   38   41   56   63   65   66

9. _____

10. _____

6) List all the multiples of 9 from the selection of numbers below:
23   27   64   67   72   76   81   89   90   93

7) List all the multiples of 9 from the selection of numbers below:
14   18   44   45   56   63   71   72   74   94

8) List all the multiples of 4 from the selection of numbers below:
8   11   15   16   18   19   27   28   32   42

9) List all the multiples of 6 from the selection of numbers below:
12   26   28   30   40   42   47   55   62   65

10) List all the multiples of 6 from the selection of numbers below:
11   12   14   25   29   38   41   47   54   61