Identifying Factors   Name: **Answer Key**

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   1 , 2 , 3 , 6 , 7 , 14 , 21 , 42

2) 48   1 , 2 , 3 , 4 , 6 , 8 , 12 , 16 , 24 , 48

3) 73   1 , 73

4) 93   1 , 3 , 31 , 93

5) 70   1 , 2 , 5 , 7 , 10 , 14 , 35 , 70

6) 9   1 , 3 , 9

7) 36   1 , 2 , 3 , 4 , 6 , 9 , 12 , 18 , 36

8) 22   1 , 2 , 11 , 22

9) 15   1 , 3 , 5 , 15

10) 24   1 , 2 , 3 , 4 , 6 , 8 , 12 , 24

11) 11   1 , 11

12) 18   1 , 2 , 3 , 6 , 9 , 18

13) 32   1 , 2 , 4 , 8 , 16 , 32

14) 91   1 , 7 , 13 , 91

15) 83   1 , 83

Identifying Multiples from a List   Name: **Answer Key**

Solve each problem.

Answers

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

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

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

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

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

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

1. **30, 42, 48**

2. **6, 12, 18, 30**

3. **50, 70, 80**

4. **12, 18**

5. **35, 56, 63**

6. **27, 72, 81, 90**

7. **18, 45, 63, 72**

8. **8, 16, 28, 32**

9. **12, 30, 42**

10. **12, 54**