Venn Diagram
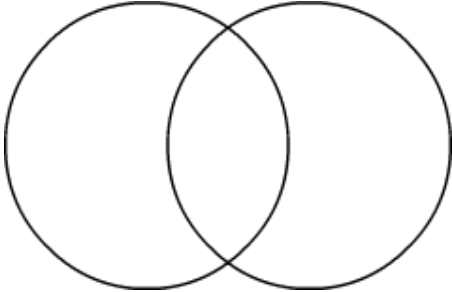
Name:_____   Date:_____

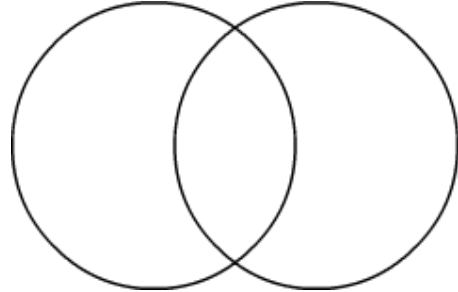## Find the greatest common factor.

1)   12, 24.

Factors of 12   Factors of 24

Common Factors are: _____

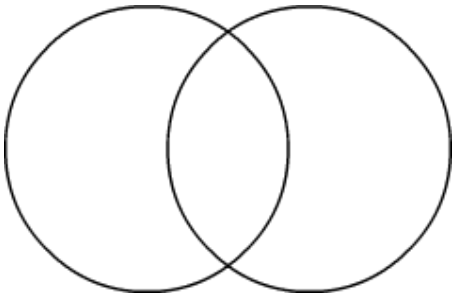GCF: _____

2)   18, 27.

Factors of 18   Factors of 27

Common Factors are: _____

GCF: _____

3)   26, 56.

Factors of 26   Factors of 56

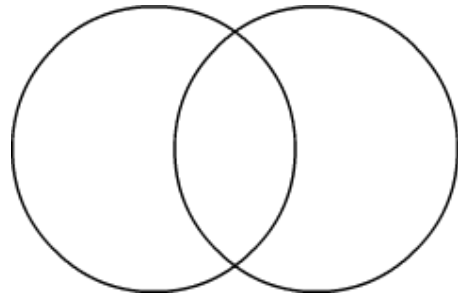Common Factors are: _____

GCF: _____

4)   28, 42.

Factors of 28   Factors of 42

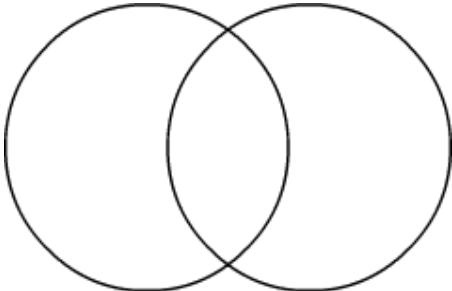Common Factors are: _____
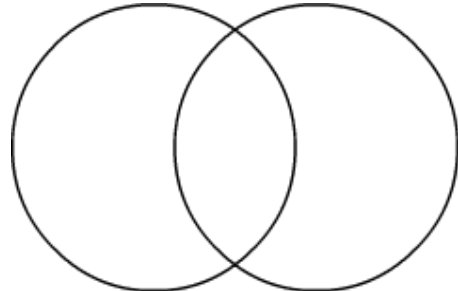
GCF: _____

5)   36, 40.

Factors of 36   Factors of 40

Common Factors are: _____

GCF: _____

6)   45, 60.

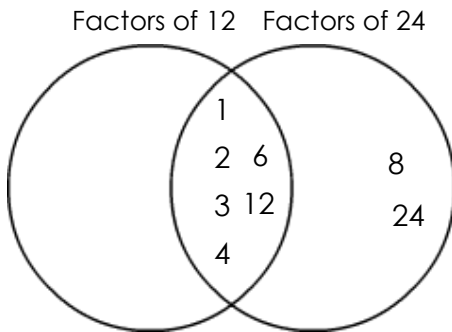Factors of 45   Factors of 60

Common Factors are: _____

GCF: _____

Venn Diagram

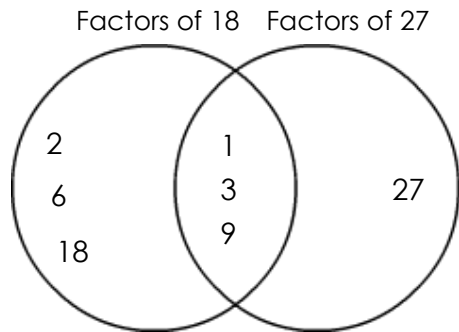Name:_____   Date:_____

Find the greatest common factor.

1)   12, 24.

Factors of 12   Factors of 24

1
2 6   8
3 12   24
4

Common Factors are: _1, 2, 3, 4, 6, 12_

GCF: ___12___

2)   18, 27.

Factors of 18   Factors of 27

2   1
6   3   27
18   9

Common Factors are: _1, 3, 9_

GCF: ___9___

3)   26, 56.

Factors of 26   Factors of 56

13   1   56   4
26   2   28   7
                        8
                   14
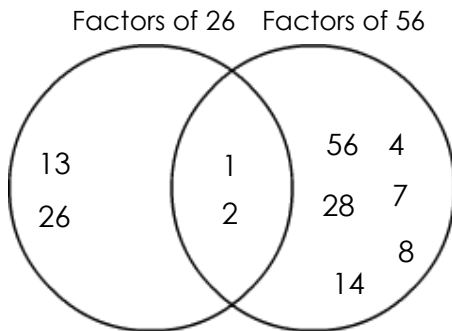
Common Factors are: _1, 2_

GCF: ___2___

4)   28, 42.

Factors of 28   Factors of 42

               1   3
4   2   6
28   7
           14   21
                        42
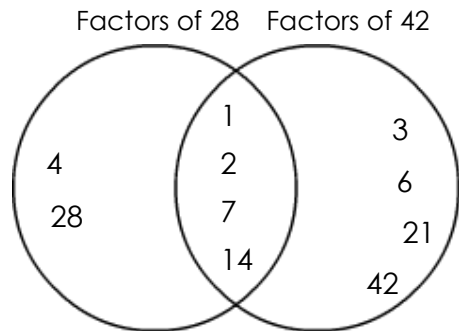
Common Factors are: _1, 2, 7, 14_

GCF: ___14___

5)   36, 40.

Factors of 36   Factors of 40

3   18   1   5
6   2   40   8
   36   4
9   10
   12   20
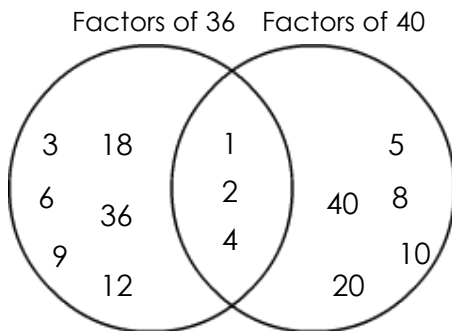
Common Factors are: _1, 2, 4_

GCF: ___4___

6)   45, 60.

Factors of 45   Factors of 60

               1   12   2
9   3   20   4
45   5   30   6
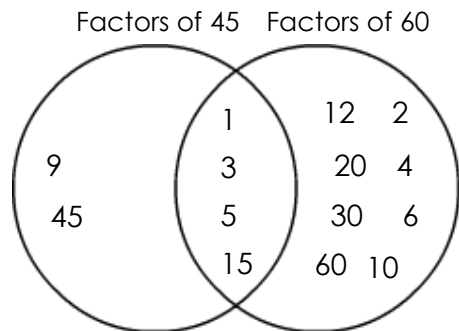   15   60 10

Common Factors are: _1, 3, 5, 15_

GCF: ___15___