

Name : \_\_\_\_\_

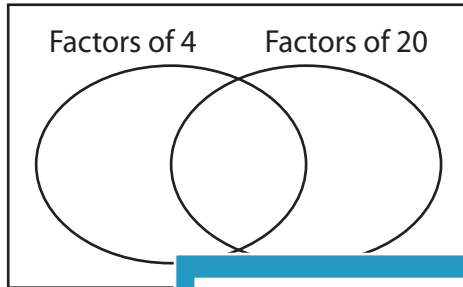
## GCF - Venn Diagram

ES3

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 4, 20

a) Complete the venn diagram.

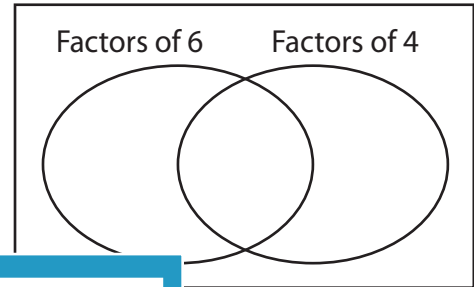


b) Common factors are \_\_\_\_\_

c)  $GCF(4, 20) =$  \_\_\_\_\_

2) 6, 4

a) Complete the venn diagram.

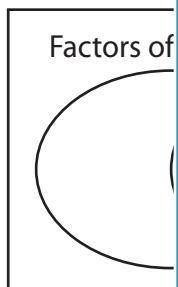


b) Common factors are \_\_\_\_\_

c) \_\_\_\_\_

3) 18, 6

a) Complete the venn diagram.



b) Common factors are \_\_\_\_\_

c)  $GCF(18, 6) =$  \_\_\_\_\_

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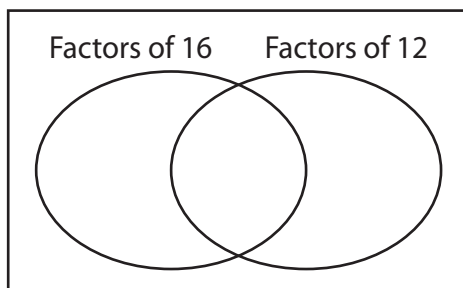
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b) Common factors are \_\_\_\_\_

c) \_\_\_\_\_

5) 16, 12

a) Complete the venn diagram.

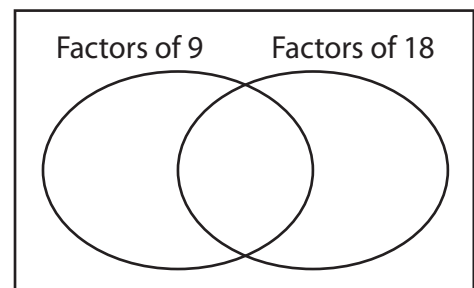


b) Common factors are \_\_\_\_\_

c)  $GCF(16, 12) =$  \_\_\_\_\_

b) Common factors are \_\_\_\_\_

c) \_\_\_\_\_



b) Common factors are \_\_\_\_\_

c)  $GCF(9, 18) =$  \_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

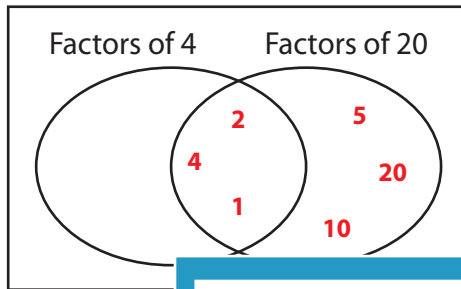
ES3

### GCF - Venn Diagram

Find the greatest common factor for each pair of numbers using Venn diagram.

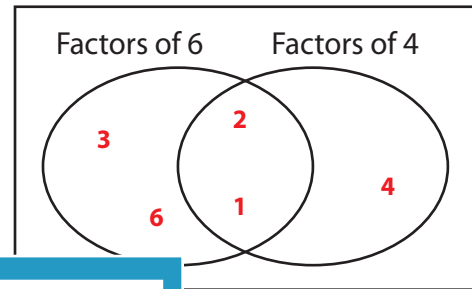
1) 4, 20

a) Complete the venn diagram.



2) 6, 4

a) Complete the venn diagram.



b) Common factors are 1, 2

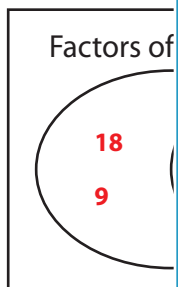
c)  $GCF(4, 20) =$  2

Common factors are 1, 2

2

3) 18, 6

a) Complete the venn diagram.



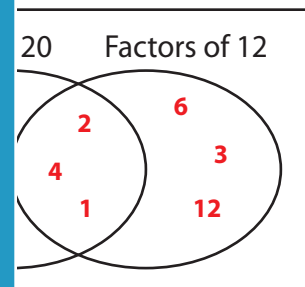
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Complete the venn diagram.



b) Common factors are 1, 2, 4

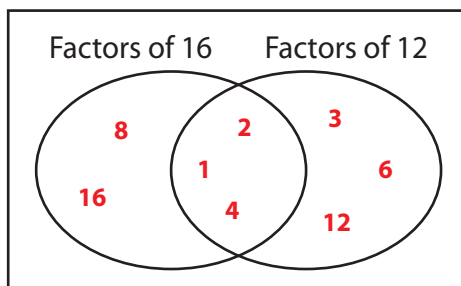
c)  $GCF(18, 6) =$  4

Common factors are 1, 2, 4

4

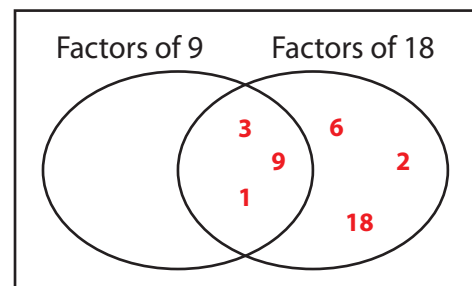
5) 16, 12

a) Complete the venn diagram.



b) Common factors are 1, 2, 4

c)  $GCF(16, 12) =$  4



b) Common factors are 1, 3, 9

c)  $GCF(9, 18) =$  9