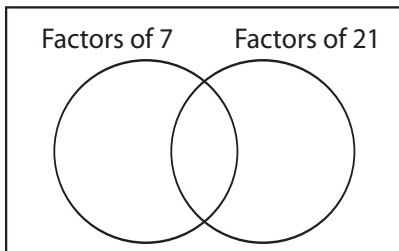# Greatest Common Factor Using Venn Diagrams

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

1) 7, 21

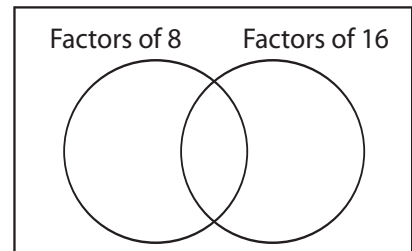   a) Complete the Venn diagram.

   Factors of 7   Factors of 21

   b) Common factors: _____

   c) GCF (7, 21) = _____

2) 8, 16

   a) Complete the Venn diagram.

   Factors of 8   Factors of 16

   b) Common factors: _____

   c) GCF (8, 16) = _____

3) 15, 9

   a) Complete the Venn diagram.

   Factors of 15   Factors of 9
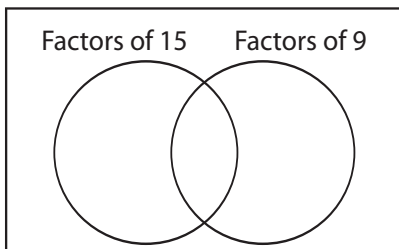
   b) Common factors: _____

   c) GCF (15, 9) = _____

4) 12, 14

   a) Complete the Venn diagram.

   Factors of 12   Factors of 14
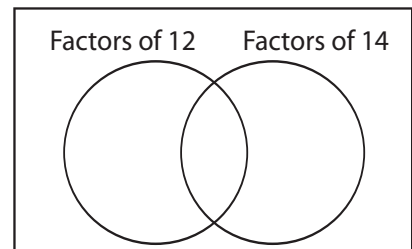
   b) Common factors: _____

   c) GCF (12, 14) = _____

5) 24, 4

   a) Complete the Venn diagram.

   Factors of 24   Factors of 4
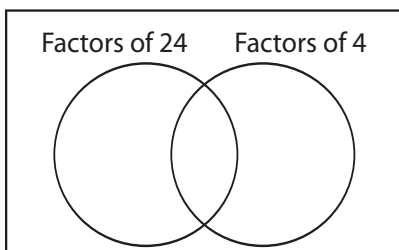
   b) Common factors: _____

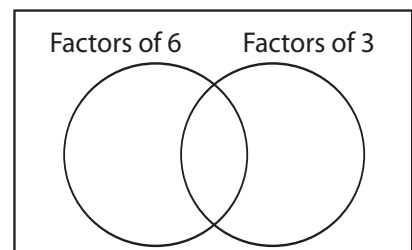   c) GCF (24, 4) = _____

6) 6, 3

   a) Complete the Venn diagram.

   Factors of 6   Factors of 3

   b) Common factors: _____

   c) GCF (6, 3)   = _____