

**Greatest Common Factor****Find the greatest common factor?**

1) **98 , 66 =**

2) **94 , 54 =**

3) **98 , 12 =**

4) **26 , 34 =**

5) **82 , 36 =**

6) **86 , 64 =**

7) **74 , 26 =**

## Greatest Common Factor: Solutions

1) **98 , 66**      $98 = 2 \times 7 \times 7$   
                           $66 = 2 \times 3 \times 11$   
**GCF (98, 66) = 2**

2) **94 , 54**      $94 = 2 \times 47$   
                           $54 = 2 \times 3 \times 3 \times 3$   
**GCF (94, 54) = 2**

3) **98 , 12**      $98 = 2 \times 7 \times 7$   
                           $12 = 2 \times 2 \times 3$   
**GCF (98, 12) = 2**

4) **26 , 34**      $26 = 2 \times 13$   
                           $34 = 2 \times 17$   
**GCF (26, 34) = 2**

5) **82 , 36**      $82 = 2 \times 41$   
                           $36 = 2 \times 2 \times 3 \times 3$   
**GCF (82, 36) = 2**

6) **86 , 64**      $86 = 2 \times 43$   
                           $64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$   
**GCF (86, 64) = 2**

7) **74 , 26**      $74 = 2 \times 37$   
                           $26 = 2 \times 13$   
**GCF (74, 26) = 2**