



# Factoring

Problems and Answers.  
Solve the problem #1

Name \_\_\_\_\_ Date \_\_\_\_\_ Answers

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 720$   $y = 924$  \_\_\_\_\_

Solve the problem #2

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 252$   $y = 264$  \_\_\_\_\_

Solve the problem #3

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 204$   $y = 312$  \_\_\_\_\_

Solve the problem #4

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 672$   $y = 240$  \_\_\_\_\_

Solve the problem #5

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 612$   $y = 780$  \_\_\_\_\_

Solve the problem #6

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 432$   $y = 168$  \_\_\_\_\_

Solve the problem #7

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 156$   $y = 756$  \_\_\_\_\_

Solve the problem #8

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 360$   $y = 660$  \_\_\_\_\_

Solve the problem #9

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 624$   $y = 672$  \_\_\_\_\_

Solve the problem #10

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 120$   $y = 156$  \_\_\_\_\_

Problems and Answers.  
Solve the problem #1

Answer keys

Answers

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 720$   $y = 924$  \_\_\_\_\_ GCF=12 LCM=55440 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #2

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 252$   $y = 264$  \_\_\_\_\_ GCF=12 LCM=5544 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #3

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 204$   $y = 312$  \_\_\_\_\_ GCF=12 LCM=5304 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #4

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 672$   $y = 240$  \_\_\_\_\_ GCF=48 LCM=3360 Common Factors ; 1; 3; 2; 6; 4; 12; 8; 24; 16; 48

Solve the problem #5

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 612$   $y = 780$  \_\_\_\_\_ GCF=12 LCM=39780 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #6

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 432$   $y = 168$  \_\_\_\_\_ GCF=24 LCM=3024 Common Factors ; 1; 3; 2; 6; 4; 12; 8; 24

Solve the problem #7

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 156$   $y = 756$  \_\_\_\_\_ GCF=12 LCM=9828 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #8

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 360$   $y = 660$  \_\_\_\_\_ GCF=60 LCM=3960 Common Factors ; 1; 5; 3; 15; 2; 10; 6; 30; 4; 20; 12; 60

Solve the problem #9

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 624$   $y = 672$  \_\_\_\_\_ GCF=48 LCM=8736 Common Factors ; 1; 3; 2; 6; 4; 12; 8; 24; 16; 48

Solve the problem #10

Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

$x = 120$   $y = 156$  \_\_\_\_\_ GCF=12 LCM=1560 Common Factors ; 1; 3; 2; 6; 4; 12