Factoring

Problems and Answers. Name_____Date_____. Answers
Solve the problem #1
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 480 y= 252 _____

Solve the problem #2
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 180 y= 432 _____

Solve the problem #3
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 720 y= 156 _____

Solve the problem #4
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 816 y= 624 _____

Solve the problem #5
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 420 y= 252 _____

Solve the problem #6
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 180 y= 900 _____

Solve the problem #7
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 816 y= 108 _____

Solve the problem #8
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 900 y= 264 _____

Solve the problem #9
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 300 y= 432 _____

Solve the problem #10
Find: Greatest Common Factor (GCF), Least Common Multiple (LCM), Common Factors, for pair of integers:

x = 180 y= 900 _____

Factoring

Problems and Answers. Answer keys Answers

Solve the problem #1

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

x = 480 y= 252 GCF=12 LCM=10080 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 = 180 y= 432 GCF=36 LCM=2160 Common Factors ; 1; 3; 9; 2; 6; 18; 4; 12; 36

Solve the problem #3

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

x = 720 y= 156 GCF=12 LCM=9360 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 = 816 y= 624 GCF=48 LCM=10608 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 = 420 y= 252 GCF=84 LCM=1260 Common Factors ; 1; 7; 3; 21; 2; 14; 6; 42; 4; 28; 12; 84

Solve the problem #6

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

x = 180 y= 900 GCF=180 LCM=900 Common Factors ; 1; 5; 3; 15; 9; 45; 2; 10; 6; 30; 18; 90; 4; 20; 12; 60; 36; 180

Solve the problem #7

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

x = 816 y= 108 GCF=12 LCM=7344 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 = 900 y= 264 GCF=12 LCM=19800 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #9

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

x = 300 y= 432 GCF=12 LCM=10800 Common Factors ; 1; 3; 2; 6; 4; 12

Solve the problem #10

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

x = 180 y= 900 GCF=180 LCM=900 Common Factors ; 1; 5; 3; 15; 9; 45; 2; 10; 6; 30; 18; 90; 4; 20; 12; 60; 36; 180