Factoring

Solve the problems

Name_____ **Date**_____

(1)
x = 120 y= 816 _____

(2)
x = 720 y= 252 _____

(3)
x = 120 y= 660 _____

(4)
x = 840 y= 252 _____

(5)
x = 108 y= 336 _____

(6)
x = 756 y= 672 _____

(7)
x = 396 y= 660 _____

(8)
x = 600 y= 468 _____

(9)
x = 600 y= 900 _____

Answers

Solve the problems

(1)

x = 120 y= 816 GCF=24 LCM=4080 Common Factors ; 1; 3; 2; 6; 4; 12; 8; 24

(2)

x = 720 y= 252 GCF=36 LCM=5040 Common Factors ; 1; 3; 9; 2; 6; 18; 4; 12; 36

(3)

x = 120 y= 660 GCF=60 LCM=1320 Common Factors ; 1; 5; 3; 15; 2; 10; 6; 30; 4; 20; 12; 60

(4)

x = 840 y= 252 GCF=84 LCM=2520 Common Factors ; 1; 7; 3; 21; 2; 14; 6; 42; 4; 28; 12; 84

(5)

x = 108 y= 336 GCF=12 LCM=3024 Common Factors ; 1; 3; 2; 6; 4; 12

(6)

x = 756 y= 672 GCF=84 LCM=6048 Common Factors ; 1; 7; 3; 21; 2; 14; 6; 42; 4; 28; 12; 84

(7)

x = 396 y= 660 GCF=132 LCM=1980 Common Factors ; 1; 11; 3; 33; 2; 22; 6; 66; 4; 44; 12; 132

(8)

x = 600 y= 468 GCF=12 LCM=23400 Common Factors ; 1; 3; 2; 6; 4; 12

(9)

x = 600 y= 900 GCF=300 LCM=1800 Common Factors ; 1; 5; 25; 3; 15; 75; 2; 10; 50; 6; 30; 150; 4; 20; 100; 12; 60; 300