

Factoring

Solve the problems

Name_____ **Date**_____

(1)
x = 132 y= 336 _____

(2)
x = 420 y= 840 _____

(3)
x = 144 y= 108 _____

(4)
x = 156 y= 180 _____

(5)
x = 624 y= 864 _____

(6)
x = 792 y= 756 _____

(7)
x = 900 y= 336 _____

(8)
x = 156 y= 216 _____

(9)
x = 216 y= 540 _____

Answers

Solve the problems

(1)

x = 132 y= 336 GCF=12 LCM=3696 Common Factors ; 1; 3; 2; 6; 4; 12

(2)

x = 420 y= 840 GCF=420 LCM=840 Common Factors ; 1; 7; 5; 35; 3; 21; 15; 105; 2; 14; 10; 70; 6; 42; 30; 210; 4; 28; 20; 140; 12; 84; 60; 420

(3)

x = 144 y= 108 GCF=36 LCM=432 Common Factors ; 1; 3; 9; 2; 6; 18; 4; 12; 36

(4)

x = 156 y= 180 GCF=12 LCM=2340 Common Factors ; 1; 3; 2; 6; 4; 12

(5)

x = 624 y= 864 GCF=48 LCM=11232 Common Factors ; 1; 3; 2; 6; 4; 12; 8; 24; 16; 48

(6)

x = 792 y= 756 GCF=36 LCM=16632 Common Factors ; 1; 3; 9; 2; 6; 18; 4; 12; 36

(7)

x = 900 y= 336 GCF=12 LCM=25200 Common Factors ; 1; 3; 2; 6; 4; 12

(8)

x = 156 y= 216 GCF=12 LCM=2808 Common Factors ; 1; 3; 2; 6; 4; 12

(9)

x = 216 y= 540 GCF=108 LCM=1080 Common Factors ; 1; 3; 9; 27; 2; 6; 18; 54; 4; 12; 36; 108