

Name: _____

Date: _____



Factors and GCF

Directions: Find all the factors of the number provided using factor pairs. Note: You may not have to use all rows provided.

		90		
1		1	x	90
		2	x	45
		3	x	30
		5	x	18
		6	x	15
		9	x	10

		75		
2		1	x	75
		3	x	25
		5	x	15
			x	
			x	
			x	

		42		
3		1	x	42
		2	x	21
		3	x	14
		6	x	7
			x	
			x	

Directions: Find all the factors of the numbers provided using factor pairs. Then circle all the factors the two numbers have in common.

100		
①	x	100
②	x	⑤0
4	x	②5
⑤	x	20
⑩	x	⑩
	x	

150		
①	x	150
②	x	75
3	x	⑤0
⑤	x	30
6	x	②5
⑩	x	15

The Greatest Common Factor (GCF) of 100 and 150 is

50

36		
①	x	36
2	x	18
③	x	12
4	x	⑨
6	x	6

27		
①	x	27
③	x	⑨
	x	
	x	
	x	

The Greatest Common Factor (GCF) of 36 and 27 is

9