



Name: _____

Factoring Numbers: Greatest Common Factor

Example: 35 and 10 - 35 has factors of 1 and 5 and 10 has factors of 1, 2 and 5
Therefore the GCF is 5

List the Factors and then circle the greatest common factor.

1. 85
70

2. 33
55

3. 57
75

4. 33
24

5. 9
72

6. 92
42

7. 108
39

8. 6
90

9. 14
98

10. 8
38



Example: 35 and 10 - 35 has factors of 1 and 5 and 10 has factors of 1,2 and 5
Therefore the GCF is 5

List the Factors and then circle the greatest common factor.

- | | | | |
|-----|-----------|--------------------------------|----|
| 1. | 85
70 | 1, 5
1, 2, 5 | 5 |
| 2. | 33
55 | 1, 3, 11
1, 5, 11 | 11 |
| 3. | 57
75 | 1, 3
1, 3 | 3 |
| 4. | 33
24 | 1, 3
1, 2, 3 | 3 |
| 5. | 9
72 | 1, 3, 9
1, 2, 3, 4, 6, 8, 9 | 9 |
| 6. | 92
42 | 1, 2
1, 2 | 2 |
| 7. | 108
39 | 1, 2, 3
1, 3 | 3 |
| 8. | 6
90 | 1, 2, 3, 6
1, 2, 3, 5, 6 | 6 |
| 9. | 14
98 | 1, 2, 7, 14
1, 2, 7, 14 | 14 |
| 10. | 8
38 | 1, 2
1, 2 | 2 |