

# GCF1

Name: \_\_\_\_\_  
Mr. Art

Date: \_\_\_\_\_  
Period: \_\_\_\_\_

## Factoring GCF Method

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|---|--|
| <p><u>Example:</u></p> $3x - 3y$ $3(x - y)$ | <p><u>Steps:</u></p> <ol style="list-style-type: none"><li>1) Factor out GCF<br/>(both the <math>3x</math> and <math>3y</math> have 3 in common)</li><li>2) When factoring out a positive <math>\rightarrow</math> signs remain the same<br/>(signs inside the parentheses)</li><li>3) When factoring out a negative <math>\rightarrow</math> signs change<br/>(positive <math>\rightarrow</math> negative)<br/>(Negative <math>\rightarrow</math> positive)</li></ol> |
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3)  $18c + 27d$

4)  $7x - 7$