**FMPC10**

**FACTORING POLYNOMIALS**

**with a negative GCF**

* When factoring out a negative GCF, follow the same rules you would with a positive GCF but remember to reverse all the symbols for the terms that remain in the brackets.

**Examples: Factor a negative GCF**

|  |  |
| --- | --- |
| A |  |
| B |  |
| C |  |
| D |  |
| E |  |
| F |  |
| G |  |

**FACTORING POLYNOMIALS**

**Difference of Squares**

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| --- |
|  |

* Factoring (by) the difference of squares (DOS) works for binomials that are of a specific form: ***perfect square minus a perfect square***
* Sometimes, the binomial has to be rewritten so the terms are perfect squeares

|  |  |
| --- | --- |
| A |  |
| B |  |
| C |  |
| D |  |
| E |  |
| F |  |
| G |  |
| H |  |
| I |  |
| J |  |
| K |  |
| L |  |
| M |  |