Chapter 4.2 – Solving Quadratics by Factoring

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*I can…*

* Factor quadratics when a=1 and when a does not = 1
* Identify special factors (difference of squares, etc)
* Use factoring to solve quadratics

**Items in bold should be turned in to me or put in your binder.**

**\_\_\_\_\_\_\_\_video notes

\_\_\_\_\_\_\_\_book assignment**

**\_\_\_\_\_\_\_\_activity (QR Codes)**

\_\_\_\_\_\_\_\_extra video

\_\_\_\_\_\_\_\_extra ws

\_\_\_\_\_\_\_\_practice mc

**\_\_\_\_\_\_\_\_mastery check**

Practice mc:

Factor.

1. $4x^{2}-25$
2. $z^{2}-3z-54$

Solve by factoring.

1. $2x^{2}-8x-90=0$
2. $7x^{2}=4x$

Solve.

1. The length of a rectangle is 2 feet more than its width. Find the dimensions of the rectangle if its area is 63 square feet.
2. Find two consecutive even positive integers whose product is 624.