

Analysis of Part 1:

1. After grading your work from part one, shade LIGHTLY each problem you did not solve correctly (for ANY reason).
2. Determine which areas are your strengths and your weaknesses. For each area of weakness, spend some time reviewing the concepts using the included links. Please note that the links will take you to a selection of concepts for that specific topic. Each video is approximately 5 minutes long... Choose to view only the ones that will help you show mastery of the content. For some concepts, you may only need to watch one or two videos, where with other concepts, you may need to watch many to “get” the concept.
3. Register for a Delta Math online account at www.deltamath.com. (Select “Create Account” in upper right hand corner, then select “Student”. The Teacher Code is 813123. Enter the information requested, using your Cobb County Student ID (lunch number) when asked for Student ID. Select “Algebra II Summer Assignment” as your period from the drop down menu at the top of this screen. Work through the sections that match each are of weakness.
4. Move to Summer Assignment – Part 2. Only solve the problems from YOUR identified areas of weakness. There is an answer key for you to check your work. If you need additional practice in any of your identified areas of weakness, email Miss Kline at Karen.kline@cobbk12.org asking for additional practice. Miss Kline will send you additional practice within a few days of your request, excluding the last week of June.

Section 1: Quadratic Expressions and Equations

| | | | | |
|----------------------------|---|---|----|---|
| Factor by GCF | 1 | | | |
| Factor x^2+bx+c | 2 | | | |
| Factor ax^2+bx+c | 6 | | 8 | |
| Factor GCF and ax^2+bx+c | 3 | 4 | 7 | 9 |
| Factor Special Products | 5 | | 10 | |

Online Review Resources:

- [Factors and Greatest Common Factors](#)
- [Factoring \$x^2+bx+c\$](#)
- [Special Products of Polynomials](#)
- [Quadratic Equations and Functions](#)
- [Factoring \$ax^2+bx+c\$](#)
- [Factoring Special Products](#)

DeltaMath: Log in to www.deltamath.com and complete the Quadratic section(s), as needed.

Section 2: Radical Expressions

| | | | | |
|--------------------------------|----|----|----|----|
| Simplify | 23 | | 24 | |
| Simplify with variables | 25 | 26 | 27 | 28 |
| Multiply (Monomial x Monomial) | 29 | | 30 | |
| Multiply (Monomial x Binomial) | 31 | | 32 | |
| Multiply (Binomial x Binomial) | 33 | | 34 | |
| Add/Subtract | 35 | | 36 | |

Online Review Resources:

- [Simplifying Radical Expressions](#)
- [Multiplying Polynomials](#)
- [Operations with Radical Expressions](#)
- [Working with Radical Expressions](#)

DeltaMath: Log in to www.deltamath.com and complete the Radical Expressions section(s), as needed.

Section 3: Properties of Exponents

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
|----|----|----|----|----|----|----|----|

Online Review Resources:

- [Properties of Exponents](#)

DeltaMath: Log in to www.deltamath.com and complete the Properties of Exponents section, as needed.

Areas of Strength:

Areas of Weakness:

After viewing the online resources and completing problems from section 2, complete the following:

1. After working through these materials, I now am confident in ...

Because...

2. I'm still not sure about...

3. My goals for math this year are...

I plan to reach my goals by...

4. My biggest fear for math this year is...

I plan to overcome this by...