

Mrs. Bledsoe Algebra 3  
M.U. College Algebra  
8<sup>th</sup> period.

Mrs. Bledsoe – Plans for Home Instruction for March 19 – 27, 2020

**Algebra 3/MU MTH 127: 8<sup>th</sup> Period**

**Thursday, March 19, 2020:** Take the **TEST** we had scheduled.

**Friday, March 20, 2020:** Linear Equations in 1 Variable: pg. 106 – 110 # 1,9,19,25,28,32,49

**Monday, March 23, 2020:** Linear Equations in 1 Variable: pg. 106 – 110 # 53,55,61,62,65,69,71

**Tuesday, March 24, 2020:** Linear Inequalities in 1 Variable: pg. 118 – 120 # 3,5,10,15,20,25,30

**Wednesday, March 25, 2020:** Linear Inequalities in 1 Variable: pg. 118 – 120: # 35, 40, 45, 50, 55,57,59

**Thursday, March 26, 2020:** Quadratic Equation in 1 Variable: pg. 132 – 135 # 5,10,15,20,25,30

**Friday, March 27, 2020:** Quadratic Equation in 1 Variable: pg. 132 – 135 # 35,40,45,50,55,60,63

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Please do the best you can on these assignments. I hope you are not overwhelmed and that you do not get sick. Any messages via Livegrades or email are welcomed and encouraged. My school email is [mbledsoe@k12.wv.us](mailto:mbledsoe@k12.wv.us). I know this transition is a bit difficult and you may need help so I will be watching for questions and trying to provide assistance as much as possible.

Remember to take some breaks and relax after you have a plan on how to keep up with the work assigned and know how much break time you have. Don't procrastinate. Be responsible. Be safe.

Sincerely,

Mrs. Melissa Bledsoe

## Exam - During Home Instruction

Date 3/19/2020 8th Period

Do this exam alone (independent of assistance); you may use your book, notes, and calculator.  
Write your work out where necessary. Attach your work before returning.

Simplify.

1)  $\sqrt{48}$

2)  $-4\sqrt{225r^2}$

3)  $10\sqrt[3]{270x^8y^2}$

Simplify.

4)  $2\sqrt{8} + 3\sqrt{2}$

5)  $3\sqrt{45} - \sqrt{5}$

6)  $\sqrt[4]{375} \cdot \sqrt[4]{20}$

7)  $\frac{\sqrt{6}}{3\sqrt{2}}$

8)  $\frac{3}{5 - \sqrt{2}}$

Simplify. Your answer should contain only positive exponents.

9)  $4x^4y^2 \cdot 2x^{-4}y^3$

10)  $\frac{3xy^{-2}}{4x^2y^{-3}}$

11)  $\left(-\frac{2x^{-3}y^4}{x^2y^2}\right)^{-3}$

12)  $\left(\frac{a^2b^{-3} \cdot 2b^{-4}}{a^{-4}b^2}\right)^4$

Evaluate each using the values given.

13)  $xy + 2$ ; use  $x = -6$ , and  $y = -6$

Write the rational number as a ratio of integers.

14) 4.012121212121212...