GreatHeartsIrving

Remote Learning Packet

NB: Please keep all work produced this week. Anything marked with PDF should be scanned and uploaded to your Google Classrooms account.

April 27th - May 1st, 2020

Course: Algebra I

Teacher(s): Mr. Mapes steven.mapes@greatheartsirving.org

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Weekly Plan:

Monday, April 27

Read pg. 507-509, look through pg. 509 Oral Ex. #1-17 Odd Pg. 510 WE #2-16 Even (PDF)

Tuesday, April 28

Read pg. 512-515, look through pg. 515 Oral Ex. #2-16 Even Pg. 515 WE #5, 6, 7, 11, 14, 17, 18, 20 All (PDF)

Wednesday, April 29

Read pg. 517-518, look through pg. 518-519 Oral Ex. #1-23 Odd Pg. 519 WE #1-13 Odd, 21, 23 (PDF)

Thursday, April 30

Complete the Assessment for Today, pg. 520 Self Test 1 #1-13 Odd (PDF) Read pg. 521-522, look through pg. 522 Oral Ex. #1-15

Friday, May 1

☐ Pg. 522 WE #1-11 Odd, 15 (PDF)

Statement of Academic Honesty

I affirm that the work completed from the packet is mine and that I completed it independently.

I affirm that, to the best of my knowledge, my child completed this work independently

Student Signature Parent Signature

I have attached some examples from each page assigned (see last page of pdf packet). As always, please email me with questions, and I will get back with you as soon as possible.

In addition, here are a set of links to Khan Academy below for each day that might be of use as well.

Day 1:

Comparing Rational Numbers https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-fractions-decimals/cc-7th-add-sub-rational-numbers/v/comparing-rational-numbers

Finding midpoint between two fractions https://www.youtube.com/watch?v=BGxzdSvYNBk

Day 2:

Converting Fractions to decimals https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-fractions-to-decimals-example

Converting repeating decimals to fractions https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-repeating-decimals/v/coverting-repeating-decimals-to-fractions-1

Day 3:

Intro to Square Roots https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:rational-exponents-radicals/x2f8bb11595b61c86:radicals/v/introduction-to-square-roots

Simplifying Square Roots of Fractions https://www.khanacademy.org/math/algebra-basics/basic-alg-foundations/alg-basics-roots/v/rewriting-square-root-of-fraction

Day 4/5:

Simplifying Square Roots/Irrational Square Roots
https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:rational-exponents-radicals/x2f8bb11595b61c86:simplifying-square-roots/v/simplifying-square-roots-1

Day 1

Pg. 520 # 29

Cosers 19

Cosers 19

That is 19

From
$$-\frac{2}{3}$$
 (or $-\frac{50}{25}$) is:

 $-\frac{3}{75}$
 $-\frac{2}{3}$
 $-\frac{3}{75}$

Day 2 Ex. pg. 515#24

Let
$$x = 2.3\overline{9}$$
 $|\infty| x = 239.9\overline{9}$
 $-x = -2.3\overline{9}$
 $-x = -2.3\overline{9}$
 $|\infty| x = 237.6$
 $|\infty| x = 237.6$

$$26.$$
 Let $X = -1.36$

 $-X = + 1.36 \Rightarrow \text{Systr. Ctins a regative}$ $\frac{99X = -135}{99} \text{ the Same as adding 9}$ positive...

 $\sqrt{\frac{20}{45}} = \sqrt{\frac{20.5}{46.5}}$

= 7 4 G

= 2

$$\frac{1}{3} = \frac{15}{7}$$

$$\frac{3}{3}$$

$$\frac{3}{3}$$

$$\frac{3}{3}$$

$$\frac{5}{180} = \sqrt{\frac{5.5}{180.55}}$$

$$= \sqrt{\frac{1}{36}}$$

$$= \frac{1}{36}$$

 $12. \quad -\sqrt{\frac{225}{4a}} = \sqrt{\frac{15.15}{7.7}}$

$$= 2.3 \sqrt{4.6}$$

$$= 2.3.2.\sqrt{6}$$

$$= 12 \sqrt{6}$$

= 2.3 /24