| Content Area \& Materials | Learning Objectives | Tasks | Check-in Opportunities | Submission of Work for Grades |
| :---: | :---: | :---: | :---: | :---: |
| Digital | Suggested Order / Pacing Review <br> - Dividing By Zero (Monday) <br> - Equations w/ variables on both sides (Tuesday) <br> - Equations w/ variables on both sides: Fractions (Wednesday) <br> - Number of Solutions to Equations (Thursday) <br> - Equations with no sol/infinitely many (Friday) | - Students are to complete the assigned Khan Academy and EdPuzzle Assignments. | Mrs. De La Mora is available during the office hours at the times indicated below. <br> - 10:00 am-12:00 pm Monday-Friday <br> - Remind App CODE: dk4g79 <br> - adelamora@tusd.net | - KA / EP assignments will be recorded with the highest scores attained |
| (If you can work digitally, please do. It will help to keep us all safe © ${ }^{\text {(3) }}$ |  |  |  |  |
| - Khan Academy (KA) Access Code <br> Period 1: 9EWGP5FX <br> Period 2: KGZG4TPE <br> - EdPuzzle (EP) <br> Access Code <br> Period 1: BERONVU <br> Period 2: TAVWAFA |  |  |  |  |


| Hard Copy (Please only use this if you do not have technology available) <br> - Notes + Examples <br> - Assignments | Suggested Order / Pacing Review <br> - Dividing By Zero (Monday) <br> - Equations w/ variables on both sides (Tuesday) <br> - Equations w/ variables on both sides: Fractions (Wednesday) <br> - Number of Solutions to Equations (Thursday) <br> - Equations with no sol/infinitely many (Friday) |  | - Student the less exampl <br> - On a se of pape assignm comple problem your wo | e to read and rovided ate sheet reach ALL howing | Mrs. De L during th times ind | Mora is available ffice hours at the ted below. <br> am-12:00 pm day-Friday ind App E: dk4g79 <br> amora@tusd.net | - Group your work together for your math class IN ORDER, and with the following labels clearly displayed: <br> Student Name: <br> Teacher Name: <br> Class Name/Subject: <br> Period: <br> Assignment Week \# <br> - Assignments will be scored on accuracy. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Scheduled, if possible, <br> - Discussion | Zoom classes can be held during tutoring hours. Schedule your meetings by visiting the class website: kimballmath.wordpress.com <br> Discussions will revolve around discovery and application of concepts assigned for the week. |  |  |  |  |  |  |
| Scaffolds \& Supports | KA assignments can often be re-tried to improve learning. <br> Videos are utilized to demonstrate not only key concepts, but also frequent points of errors, helping students avoid pitfalls. |  |  |  |  |  |  |
| Teacher Office Hours <br> 2 hours daily (all classes): <br> - Contact <br> - Platform | Monday 10:00 am-12:00 pm | $10$ | esday <br> m-12:00 pm | $\begin{aligned} & \text { Wedn } \\ & 10: 00 \mathrm{am} \end{aligned}$ | sday <br> 2:00 pm | Thursday 10:00 am-12:00 pm | Friday 10:00 am $-12: 00 \mathrm{pm}$ |

## Student Name: Teacher Name: Class Name/Subject: <br> Algebra Support <br> Period: <br> Assignment Week \#: 2 <br> NOTES: Complete all work on a separate sheet of paper. Include the heading provided on each worksheet you turn in. Show all work.

## Monday

## Dividing

To see why, let us look at what is meant by "division":
Division is splitting into equal parts or groups.
It is the result of "fair sharing".
Example: There are 12 chocolates, and 3 friends want to share them, how do they divide the chocolates?


12 Chocolates


12 Chocolates Divided by 3

So, they get 4 each: 12/3 = 4
Now, let us try dividing the 12 chocolates among zero people, how much does each person get?

Does that question even make sense? No, of course it doesn't.
We can't share among zero people, and we can't divide by 0 . If we multiply $1 / 0$ by zero we could get 0 or 1 . In fact, we can't have both possibilities, so we cannot define $1 / 0$ to be a number.

So, it is undefined.
Tuesday

Watch the signs!

It's okay to have rational answers.

Always check your work.


Student Name:
Teacher Name:
Class Name/Subject: Algebra Support
Period:
Assignment Week \#: 2
Monday
1.) What values of $x$ make the ratio undefined? $\frac{3}{x}$
2.) Simplify the expression. Find the values of $x$ that make the ratio undefined.

$$
\frac{(x+3)(x+3)}{x+3}
$$

3.) What values of $x$ make the ratio undefined?

$$
\frac{1}{x^{2}}
$$

4.) What values of $x$ make the ratio undefined? (Hint: Factor)

$$
\frac{1}{x^{2}-4}
$$

5.) Simplify the expression. Find the values of $x$ that make the ratio undefined.

$$
\frac{1}{2 x-1}
$$

3.) Solve for n. Check your work.
a) $16-2 n=-3 n+6 n+1$
b) $16-2 n=n+9+4 n$
c) $9 n+4=-5 n+14+13 n$
6.) Simplify the expression. Find the values of $x$ that make the ratio indeterminate?

$$
\frac{0}{2 x-1}
$$

Student Name:
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## Wednesday

1.) Solve for s. Check your work.
a) $0.5 s+1=7+4.5 s$
b) $4 s+5=2+3.25 s$
C) $2 s+4=10+2.5 s$
d) $4 s+8=7.2+5 s$
2.) Solve for m. Check your work.
a) $12-\frac{1}{5} m=2 r+1$
b) $15.3+m=1.3-m$
c) $3.26 d+9.75 d-2.65$
d) $-\frac{1}{4} m-4=\frac{7}{4} m-3$

Complete all work on a separate sheet of paper. Show all work. Include the heading provided on each worksheet you turn in.

Thursday/Friday
1.) How many solutions does the following equation have? Explain your reasoning and show your work.

$$
3(x+5)=-4 x+8
$$

2.) How many solutions does the following equation have? Explain your reasoning and show your work.

$$
-6(x+7)=-4 x-2
$$

3.) How many solutions does the following equation have? Explain your reasoning and show your work.

$$
3(y+9)=12 y+13
$$

4.) How many solutions does the following equation have? Explain your reasoning and show your work.

$$
5 x+8-7 x=-4 x+1
$$

5.) How many solutions does the following equation have? Explain your reasoning and show your work.

$$
-6 y+13+9 y=8 y-3
$$

6.) Which of the following equations have exactly one solution? Choose all the answers that apply. Justify how you know.
a) $2 x-31=2 x-31$
b) $2 x-31=-2 x-31$
c) $2 x+31=2 x-31$
d) $2 x-2=2 x-31$

