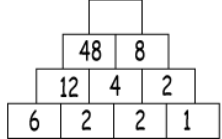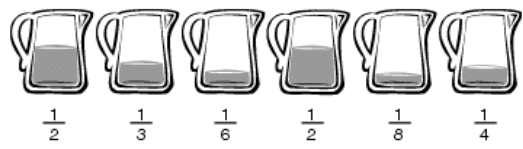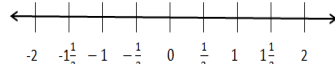# Weekly Math Review - 3

Name: _____

FEBRUARY 20, 2018

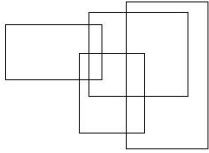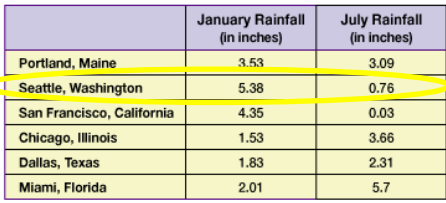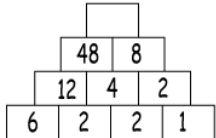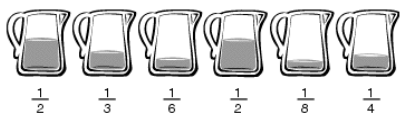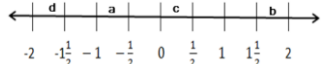| MONDAY	TUESDAY	WEDNESDAY	THURSDAY
What time is 5 ¾ hours after 11:32 pm?	If you have 20 square pieces of wood, describe all the different ways you could make a rectangle by placing them side by side.	If point A is located at (-7, 5) on a coordinate plane, and point B is located at (4, 5), what is the distance between the two points?	Fill in the Blank 10 quarts = _____ pints
How long will it take you to drive 120 miles at a speed of 15 miles per hour?	You drive your car for 4.5 hours at an average speed of 70 miles per hour. How far did you go?	How many rectangles are there?	What was the biggest decrease in time from the 1st leg to the 2nd leg? **Relay Scores** **First Leg** / **Second Leg** 55.3 seconds / 40.38 seconds 55.29 seconds / 40.402 seconds 55.295 seconds / 40.4 seconds 55.037 seconds / 41.2 seconds
Which city had the biggest change in inches from January to July?	January Rainfall (in inches) / July Rainfall (in inches) Portland, Maine 3.53 / 3.09 Seattle, Washington 5.38 / 0.76 San Francisco, California 4.35 / 0.03 Chicago, Illinois 1.53 / 3.66 Dallas, Texas 1.83 / 2.31 Miami, Florida 2.01 / 5.7	Reduce the fractions $\dfrac{32}{68}$ $\dfrac{22}{28}$ $\dfrac{21}{49}$	How long is 33 inches added to 4 feet 7 inches?
A store sold \$115.50 worth of coffee mugs. How many mugs did they sell? \$3.50	Figure out the pattern, fill in the blank. 48 8 12 4 2 6 2 2 1	How many pitchers of water would you have if you combined all the water together? $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{6}$ $\frac{1}{2}$ $\frac{1}{8}$ $\frac{1}{4}$	
Which of the following expressions is equivalent to $-\dfrac{1}{4} - \dfrac{5}{3}$? $-\dfrac{1}{4} + \left(-\dfrac{5}{3}\right)$ or $-\dfrac{1}{4} + \dfrac{5}{3}$	The table shows a bank account balance for 2 days. | Day	Mon	Tues
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Balance	\$21	–\$55 | How much did the bank account change over the two days?	The high temp today was 62°. When nighttime comes, the temp will drop 40°. By 4am the temp will drop an additional 40°. What is the temp at 4am?	Simplify $4\left(\dfrac{1}{2} + \dfrac{3}{4}\right) + (-2) =$
How many $\dfrac{3}{8}$ foot pieces of wood can you cut from a board that is $1\dfrac{7}{8}$ feet long?	Simplify: $-\dfrac{2}{3} \div 3\dfrac{3}{4}$	Simplify: $36.6 \div (12)$	Jon is making hamburgers for lunch. He has $42\dfrac{2}{3}$ lbs of ground beef. How many $\dfrac{1}{3}$ pound hamburgers can he make with all the beef?
Convert $\dfrac{2}{3}$ to a decimal by long division.	Simplify: $\dfrac{6}{5} + 10.35$	Simplify: $5.4 \times \dfrac{7}{4}$	If you had $\dfrac{26}{12}$ dollars, how much money would that be in dollars and cents (rounded to the nearest penny)?
> , <, or = $-\dfrac{29}{8}$ ____ -3.62	Place the following fractions on the number line. $-\dfrac{2}{3}(a), \dfrac{20}{11}(b), \dfrac{3}{10}(c), -\dfrac{5}{3}(d)$ -2 $-1\frac{1}{2}$ -1 $-\frac{1}{2}$ 0 $\frac{1}{2}$ 1 $1\frac{1}{2}$ 2	Write the fraction $\dfrac{29}{7}$ as a repeating decimal.	Which number(s) below represents a repeating decimal? $-\dfrac{2}{3}, -\dfrac{3}{5}, \dfrac{3}{10}, \dfrac{11}{20}$

My Work

My Progress

of questions completed: _____   # correct: _____ /32   % correct: _____ %

I need more help with... _____

_____

_____

_____

_____

Monday	Tuesday	Wednesday	Thursday
What time is 5 ¾ hours after 11:32 pm? **5:17am**	If you have 20 square pieces of wood, describe all the different ways you could make a rectangle by placing them side by side. **1X20, 2X10, 4X5**	If point A is located at (-7, 5) on a coordinate plane, and point B is located at (4, 5), what is the distance between the two points? **11**	Fill in the Blank 10 quarts = __**20**___ pints
How long will it take you to drive 120 miles at a speed of 15 miles per hour? **8 hours**	You drive your car for 4.5 hours at an average speed of 70 miles per hour. How far did you go? **315 miles**	How many rectangles are there? **13**	What was the biggest decrease in time from the 1st leg to the 2nd leg? **Relay Scores** First Leg — Second Leg 55.3 seconds — 40.38 seconds 55.29 seconds — 40.402 seconds 55.295 seconds — 40.4 seconds 55.037 seconds — 41.2 seconds
Which city had the biggest change in inches from January to July? (See table: January Rainfall / July Rainfall — Portland, Maine 3.53 / 3.09; Seattle, Washington 5.38 / 0.76; San Francisco, California 4.35 / 0.03; Chicago, Illinois 1.53 / 3.66; Dallas, Texas 1.83 / 2.31; Miami, Florida 2.01 / 5.7)		Reduce the fractions $\dfrac{32}{68}$ $\dfrac{22}{28}$ $\dfrac{21}{49}$ **$\dfrac{8}{17}$** **$\dfrac{11}{14}$** **$\dfrac{3}{7}$**	How long is 33 inches added to 4 feet 7 inches? **7ft 4in**
A store sold $115.50 worth of coffee mugs. How many mugs did they sell? **33** (tag $3.50)	Figure out the pattern, fill in the blank. **384** [pyramid: 48, 8 / 12, 4, 2 / 6, 2, 2, 1]	How many pitchers of water would you have if you combined all the water together? **$\dfrac{15}{8}$ or 1.875 quarts** (pitchers: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{2}$, $\frac{1}{8}$, $\frac{1}{4}$)	
Which of the following expressions is equivalent to $-\dfrac{1}{4}-\dfrac{5}{3}$? **$-\dfrac{1}{4}+\left(-\dfrac{5}{3}\right)$** or $-\dfrac{1}{4}+\dfrac{5}{3}$	The table shows a bank account balance for 2 days. | Day	Mon	Tues
---	---	---
Balance	$21	–$55 | How much did the bank account change over the two days? **-76**	The high temp today was 62°. When nighttime comes, the temp will drop 40°. By 4am the temp will drop an additional 40°. What is the temp at 4am? **-18°**	Simplify $4\left(\dfrac{1}{2}+\dfrac{3}{4}\right)+(-2) =$ **3**
How many $\dfrac{3}{8}$ foot pieces of wood can you cut from a board that is $1\dfrac{7}{8}$ feet long? **5**	Simplify: $-\dfrac{2}{3}\div 3\dfrac{3}{4}$ **$-\dfrac{8}{45}$**	Simplify: $36.6\div(12)$ **3.05**	Jon is making hamburgers for a church lunch. He has $42\dfrac{2}{3}$ lbs of ground beef. How many $\dfrac{1}{3}$ pound hamburgers can he make using all the ground beef? **128**
Convert $\dfrac{2}{3}$ to a decimal by long division. **$0.\overline{6}$**	Simplify: $\dfrac{6}{5}+10.35$ **11.55**	Simplify: $5.4\times\dfrac{7}{4}$ **9.45**	If you had $\dfrac{26}{12}$ dollars, how much money would that be in dollars and cents (rounded to the nearest penny)? **$2.17**
> , **<**, or = $-\dfrac{29}{8}$ ____ -3.62	Place the following fractions on the number line. $-\dfrac{2}{3}(a), \dfrac{20}{11}(b), \dfrac{3}{10}(c), -\dfrac{5}{3}(d)$ [number line: d, a, c, b marked from -2 to 2]	Write the fraction $\dfrac{29}{7}$ as a repeating decimal. **$4.\overline{142857}$**	Which number(s) below represents a repeating decimal? **$-\dfrac{2}{3}$**, $-\dfrac{3}{5}$, **$\dfrac{3}{10}$**, $\dfrac{11}{20}$