Keeping Skills Sharp Over Summer As You… **Fall Into Math**   **7ᵗʰ Grade**
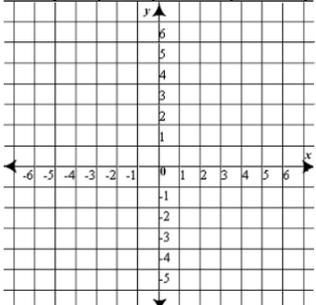
Name: _____   Math Teacher: _____

Suggested timeline follows but allows flexibility with your summer schedule	Fall Into Math sheet is due **no later than September 27, 2019**	Double check your work. ••••••••••••••• **Do your answers make sense?**	Parent Signature Upon Completion _____
Please show all work.	**You may attach a separate sheet of paper.**	**No calculators, please.**	**Use a pencil in case you make mistakes.**
Week of June 10ᵗʰ ⬇	**Week of June 17ᵗʰ** ⬇	**Week of June 24ᵗʰ** ⬇	**Week of July 1ˢᵗ** ⬇

Find an equivalent fraction. $$\frac{8}{9} = \underline{\quad} \quad \frac{3}{11} = \underline{\quad}$$	Use Order of Operations to solve. $$12 \div 3 \times (15 - 6)$$	Write each fraction in its simplest form. $$\frac{18}{4} = \underline{\quad} \quad \frac{15}{25} = \underline{\quad}$$	Use Order of Operations to solve. $$(15 \div 5) + 9 + 3$$
List 3 values that would make this inequality true. $$28 + K > 42$$ _____, _____, _____	Find the difference. $$\begin{array}{r} 849{,}832 \\ -\ \ 99{,}154 \\ \hline \end{array}$$	Find the product. $$\begin{array}{r} 72{,}849 \\ \times \qquad 3 \\ \hline \end{array}$$	Find the quotient. $$.29\ \overline{)\ 3.480}$$
The top seller for the chocolate bar fundraiser at CGMS sold 12 boxes of chocolate. Each box contained 60 bars of chocolate. How many boxes did she sell?	Find the quotient. $$\frac{6}{7} \div \frac{1}{2} =$$	There are 28 students in Mr. Downs' classroom. Each desk measures 28 inches long. If you were to line up all the desks end-to-end, how long would all the desks be?	Complete the table. 	X Boys	Y Girls
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2	3.5
4	7.0
6	?
8	?	
List 3 values that would make this inequality true. $$3n < 12$$ _____, _____, _____	Find the quotient. $$14\ \overline{)\ 1.758}$$	Solve for P $$P - 11 = 33$$	Find the quotient. $$2.6\ \overline{)\ 3.484}$$
Solve if x=3 $$2x + 4x^2 (32 + 4^2)$$	What is the **LCM** of 6 and 9?	What is the **GCF** of 24 and 30?	What is the value of $9(3 + x)$ when $x = 8$?

Week of July 8th	Week of July 15th	Week of July 22nd	Week of July 29th
Use the Distributive Property to express: 8b + 48	Find the product. 29.4 x 0.18	Find the sum. $\dfrac{2}{3} \div \dfrac{4}{5} =$	Solve if a = 1.2 and b = 2 $13a + 4b^3 - 22.2$
Change 14/5 to a mixed number.	Find the product. $\dfrac{8}{9} \times \dfrac{3}{9} =$	Find the quotient. $\dfrac{6}{7} \div \dfrac{1}{2} =$	Find the quotient. $\dfrac{3}{5} \div \dfrac{2}{9} =$
CGMS track star Blythe ran 3.5 kilometers. Her teammate, Avery, also a track star, ran 380 meters. Who ran further?	Graph (4, 2) and (-5, -3) 	If the length of a piece of wood is 8 ft. and the width is 4 ft., what is the perimeter of the piece of wood?	What percent is 125 is 100?
Find the missing number of each unit rate. $\dfrac{6}{3} = \dfrac{?}{1} \qquad \dfrac{30}{10} = \dfrac{?}{1}$	Ms. Aldridge is making a CGMS beaded bracelet. For every 14 red beads, there are 6 black beads. What is the ration of red to black beads?	Write the equivalent expression for 3b + 14 +7b + b	Ms. Christman, an extraordinary art teacher at CGMS, can make 4 clay bowls in 3 hours. Hoe many clay bowls can she make in 12 hours?
What is the volume of a box with a width of 8", a height of 10", and a length of 12"?	Change 22/3 to a mixed number.	What is the area? Base = 4 cm Height = 3 cm 	After working for 8 hours, Cooper earned $90.00. What is his unit rate?