Summer Math

July

Problems of the Week

Week One	I am thinking of a two-digit number. It is odd. It has exactly three factors. What number(s) might I be thinking of? Think of a final clue so that there is just one final solution.
Week Two	Florida grapefruits are on sale for three for $1.45. One dozen California grapefruits offer a better deal. How much might the California grapefruits cost?
Week Three	Using the numbers 1, 2, 3, and 4, create the largest product by filling in the blanks. _ _ ^{x} _ _ _ _ _ ^{x} _
Week Four	Some workers started work exactly on the half hour and worked for six and a quarter hours before stopping. When might they have started and when might they have stopped?

August

Problems of the Week

Week One	Explain how each number below is different from all of the others. 81 $\sqrt{81}$ 36 14
Week Two	When you multiply two whole numbers, the product is larger than the factors When is the product of two fractions smaller than the fractions being multiplied? Explain your reasoning and give examples to support your thinking.
Week Three	Write a story problem with an answer 12.2, requirgin the addition of three numbers.
Week Four	Make a case why each one would not belong to the group: cube, rectangular prism, cylinder, cone.

Free Websites

Khan Academy	7+ years old	https://www.khanacademy.org/math/k-8-grades	• Use to fill in gaps and preview school year content
Sumdog	K-6	https://pages.sumdog.com/parent/	• Computation skill practice
BrainPop Games	Grades 5-8	https://www.brainpop.com/games/game-finder/?subject=Math	• Use filter to find games for grade levels
HMH: Middle School Math Activities	5-8	https://www.hmhco.com/blog/6-fun-math-activities-for-middle-school-students	• Downloadable math activities for middle school kids

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