

Gifted @ Home

Grade Four

May 19 - May 22, 2020

THINK

PARENTHESSES
EXPONENTS
MULTIPLY
DIVIDE
ADD
SUBTRACT

"What's the Order?"

The Order of Operations, that is! Use the order of operations to solve the puzzles below. Insert parentheses and math symbols (+, -, X, %)

Don't Peek! Answers are below in this document.

<https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:e39e0a28-1572-4b7e-a5cc-71b086a411d5>

PLAY

Breakout EDU
FUN@HOME

"Breakout EDU Fun @ Home"

Breakout EDU is an immersive learning games platform that consists of a combination of physical and digital puzzle elements that must be solved in a set amount of time. Virtual escape rooms for learning! Have fun!

<https://www.breakoutedu.com/funathome>

SOLVE

Using digits 1 to 9, arrange the numbers in three groups so that the sum is the same in each group. Is there more than one way to do this? Explain.

I haven't provided any "answers" for this question. Check your thinking with a parent, friend, or send me what you discover and I will provide you with feedback!

CREATE



"Positive Pattern Poster"

For this challenge, you'll make an inspirational poster inspired by the Zentangle method of pattern drawing by creating unique designs around a symbol that you think the world needs to see right now. You'll need to be reflective while choosing your symbol by carefully considering what it represents and how it could impact others.

<https://galileo-camps.com/galileo-anywhere/project-challenge/positive-pattern-poster/>

WONDER

If you have Netflix at home...



"Who Invented Weekends?"

Click on the student link generated below to watch and find out:

<https://youtu.be/ppyg-HHOyWw>

EXPLORE



"How Stuff Works?"

Click on the link below to explore:

<https://www.youtube.com/user/HowStuffWorks>

Answer Key:

What's the Order?

**More than one answer may be possible*

1. $(6+4) \times 2 - 8 = 12$
2. $3 \times (7+5) / 9 = 4$
3. $(16 - 4) / 3 + 13 = 17$
4. $[8 + (12/2)] / 7 \times 4 = 8$
5. $(4 \times 5 + 7) / (3 + 6) = 3$
6. $[13 \times (4-1)] / (9-6) = 13$
7. $11 \times (8-2 \times 4) + (36-4) / 2 = 16$
8. $12 \times 5 / 6 \times [4 + (2 \times 3)] = 100$