



Nerdy Science - *Pirate Treasure Hunt Hard*

1. Draw a pie cut into 8 equal slices.
2. You have 5 friends patiently waiting for pie. Show on your pie drawing how many slices of pie would be eaten if your friends have one slice each. Write how much of the pie was eaten using fractions. (clue: how many friends you have/total pieces of pie at the start)
3. How many pieces of pie will be left after your friends eat one slice each? (clue: subtract your number of friends from the total pieces of pie at the start)
4. How much of the pie is left in fraction form? (clue: non eaten pieces of pie/total pieces of pie at the start)
5. If another friend joined in and ate one of the remaining slices, how much of the pie would be left? Bonus: Is there another way to write that in a fraction? (clue: reduce or simplify the fraction by dividing the numerator and denominator by the greatest common factor
Clue 2: $\frac{2}{8}$ has the greatest common factor of 2)