



MTSS Math Newsletter

December 2024

Math Fact Game – Older Students: How High Can You Go

Need: deck of cards (ace=1, queen = 0, all other face cards removed)

Deal each player 6 cards. Each player then makes 3 pairs of cards to multiply, trying to get the highest overall score. When the card pairs have been multiplied, then the products are added together.

Example: cards – A, 2, 5, 6, 8, 9

$$9 \times 8 = 72, 6 \times 5 = 30, 1 \times 2 = 2$$

$$72 + 30 + 2 = 104$$

The overall score of the other players is compared. Whoever has the highest score is the winner of that round. Continue playing as many rounds as you would like.

Benefits of Productive Math Struggle in Life

It's hard to watch your child struggle in math. Please do not jump in and help your child, though, until your child has had a chance to struggle for a little while. Allowing a student to struggle some in math is beneficial in areas other than just in math class. According to Productive Math Struggle by John J. San Giovanni, et al, "When working through struggle, students learn how to think critically and creatively. They develop communication and collaboration skills. They learn to persevere and not give up." These skills are beneficial in many areas of life.

Math Fact Game – Younger Students: Go Fish for 10

Just like the classic Go Fish game, the students need to make pairs of numbers, but like numbers do not make a match in this game. In this game numbers that create 10 when they are added together are matches. So, 1 and 9, 2 and 8, 3 and 7, 4 and 6, 5 and 5 are the matches.



May time spent with family be **added**.
May your worries be **subtracted**.
May your joys be **multiplied**.
And may your love be **divided** among all of those around you.

Merry Christmas!
Carolyn Guy

Questions? Contact Carolyn Guy at Ida Elementary School: 734-269-9003 extension 3029 or guy@idaschools.org