



Family Math Newsletter

Intermediate Edition

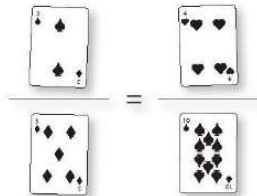
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Game:

Math Talk: Would you Rather?

What You Do:

1. Have each player draw two fraction bars with an equal sign between them on a paper.
2. Shuffle the deck. Deal four cards to every player. Lay the cards down on their paper. Place the remaining deck face down.
3. Each player will try to collect four cards that form an [equivalent fraction](#). Keep in mind Aces = 1, Jacks = 11, Queens = 12, and Kings = 13.
4. On a player's turn, they must draw a card from the deck and discard a card from their hand that is on the table.
5. When a player has created an equivalent fraction, they earn a point. Then they take 4 new cards from the deck and play continues. The first player to earn 5 points wins!



At the grocery store, you can buy 500g of your favourite candy for \$6 or 3kg costs you \$36. Is the cost of the candy proportional to the amount you get? What is the better value?



Riddle:

Students in a marching band want to line up for their performance. The problem is that when they line up in twos there is 1 left over. When they line up in threes there are 2 left over. When they line up in fours there are 3 left over. When they line up in fives there are 4 left over. When they line up in sixes there are 5 left over. When they line up in sevens there are no students left over. How many students are there?

Good Watch:

[TVO Mathify](#) provides FREE online math help for Ontario students in Grades 4-12. You can access 1 to 1 math tutoring from any digital device, between the hours of 9am and 9pm, whenever you need help.



Get homework help for math



Prepare for math tests



Ask clarity on math concepts



Visually sketch math problems

Problem Solving Tasks and Experiences

Q1: An electric car can travel at top speed for 132 km on 6 h charging time. If the car died after just traveling 77 km at top speed, how long a charge could it have held?

Q2: A model building set contains 4 doors and 12 windows. A deluxe version of the set contains a total of 80 doors and windows. The ratio of doors to windows must be the same in both sets. How many doors and windows are in the deluxe building set?

Source: Gr. 8 Proportional Reasoning – Exit Tickets, Knowledgehook

Coding



Looking for educational activities online? [Hour of Code](#) has many self-paced tutorials for students to work through and explore coding.