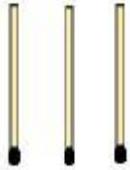


The time fillers for the first 5 minutes of the session:

1. There are five brothers in the family. Every brother has one sister. How many kids are there in the family? (5&1)
2. Someone placed 2 coins into 2 purses in such a way that one purse contained twice as many coins as the other one. How did he do this? (*One purse contains 1 coin, the second purse contains one coin and the first purse*)
3. Dialog in the store:
 - . "How much is one?" - "Two dollars"
 - . "How much is ten?" - "Four dollars"
 - "How much is one hundred?" - "Six dollars"What is this person buying?
(*Hardware store. He is buying the plates with 0-9 digits that are used to make a house number*)
4. Move two matchsticks to change three into six. Do not cut or break the matchsticks



(*answer: relocate two matchsticks to get a roman numeral six*)

5. Two sides of the roof of a house slope down at two different angles: 60 degrees and 45 degrees. A rooster has laid an egg on the roof ridge. Which way will the egg roll down?
(*Answer: roosters do not lay eggs. Hens do.*)

The time filler for the leftover 10 minutes:

Math Jotto

Jotto (sometimes Giotto) is a logic-oriented word game played with two teams (or with all students playing on their own), a writing implement, and a piece of paper. A teacher picks a secret word of five letters (four letter if time is short) (that is in the dictionary, generally no proper nouns are allowed, and generally consisting of all different letters), and the object of the game is to correctly guess the teachers word first.

Players (or teams) take turns guessing the number of Jots, or the number of letters that are in both the guessed word and the secret word. The positions of the letters don't matter: for example, if the secret word is OTHER and a player guesses PEACH, he gets a reply of 2 (for the E and the H, even though they're in the wrong positions).

The teachers writes down all the guesses and answers (of both teams, or of all players) on the board.

Using a written-out alphabet, players cross out letters that are eliminated with Jot counts of 0 and other logical deductions.