**Mad Math: Factoring Frenzy**

Directions

* The group leader **does not show the group this piece of paper!**
* The leader asks each person in the group in turn to contribute a word, letter or number until all the blanks are filled in, **including the number blanks for the factoring problems**.
* If a person gets stuck on a word, they can use one of the ones on the board.
* Then the leader reads the story and the group works out the problems.

My \_\_\_\_\_\_\_\_\_\_\_ subway ride started when a giant \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ up from the subway  ***adjective animal verb ending in –ed***

and into the \_\_\_\_ train. People were \_\_\_\_\_\_\_\_\_\_\_, but I got a \_\_\_\_\_\_\_\_\_\_\_, so I was \_\_\_\_\_\_\_\_\_\_\_.

 ***letter verb ending in –ing noun adjective***

 When I got to school, my \_\_\_\_\_\_\_\_\_\_\_ professor would not \_\_\_\_\_\_\_\_\_\_\_my excuse and said that if

 ***adjective verb***

was late one more time, I would get a \_\_\_\_. What a \_\_\_\_\_\_\_\_\_\_\_ day! Luckily, I found out that if I could

 ***letter adjective***

 do these \_\_\_\_\_\_\_\_\_\_\_ factoring problems, everything would be \_\_\_\_\_\_\_\_\_\_\_!

 ***adjective adjective***

Factor: Caution: one of the problems is not factorable!

**1.**  *x*2 + 3*x* − **\_\_\_** **2.** *x*2 − \_\_\_*x* + 25 **3.** *x*2 + 12x + \_\_\_

***an integer between 3 and 5 an integer between 9 and 11 a perfect square***

***between 30 and 40***

***4*.**  *x*2 − \_\_\_ **5.** 16*x*2 − \_\_\_ **6.** *x*2 + \_\_\_

***any perfect square an odd perfect square any perfect square***

**Bonus: change the problem that is not factorable into one that *is.***

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| **Noun (person, place or thing)** |
| Boomerang |
| Table |
| Washing Machine |
| Pickle |
| Classroom |
| Egg |
| Clock |

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| **Adjective (describes a noun)** |
| Smart |
| Crazy |
| Soggy |
| Odd |
| Maximum |
| Polite |
| Attractive |

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| --- |
| **Verb (action)** |
| Crunch |
| Jump |
| Eat |
| Like |
| Argue |
| Slither |
| Cuddle |