

# Snowball Fight!

**Goal:** The object of the game is to be the first to create a complete and correct equation out of the snowballs, using the rules below!

**Players:** 2 or more

**Materials Needed:** Several Sheets of White Paper  
Several Sheets of Green Paper  
Several Sheets of Pink Paper  
Laundry Basket  
Scarf, Hat & Mittens (optional but enthusiastically recommended 😊)

## Set Up:

1. Cut the White Paper into quarters, and write a number on each (sequentially from 0 – 10)
2. Cut the Green Paper into quarters and write a number on each (sequentially from 11 – 25)
3. Cut additional sheets of White Paper into quarters and write operations on them (+, -, =, x, )
4. Cut additional sheets of Green paper into quarters and write the following operations on them: (x, ÷,) – make a few more copies of these so everyone gets a challenge!
5. Cut the Pink sheets of Paper into quarters & write these extra challenges:  $_{}^2$ , %,  $\sqrt{\quad}$ , =
6. Wad each number and operations sheet up into a ball
7. Put these snowballs into the laundry basket

## Gameplay:

1. Both primary and intermediate can play simultaneously. Primary kids can use any snowballs – the harder green ones are optional. Intermediate kids (grades 3 and higher) **MUST** use at least **two green snowballs**, but that they can also use white snowballs. All players looking for an extra challenge are encouraged to use one pink snowball during game play.
2. The object of the game is to be the first to create a complete and correct equation (you may also use the term “number sentence”), following the rules above.
3. After you explain the color rules, and state that you will be shouting “Freeze” when someone has created a complete number sentence.
4. At the count of three, hoist the basket and toss the snowballs into the air to scatter - **shouting “Snowball fight!!”**

5. Kids unwad the balls and work to make a correct number sentence as fast as they can.
6. Once someone has created what s/he believes is a correct number sentence, they raise their hand or get your attention. Shout out "Freeze!" to stop game play. (Everyone must freeze.)
7. The number sentence together with the rest of the group in the Snowball fight. If they agree that this is a correct number sentence AND that the rules above have been followed, have them give it a thumbs up!
8. If the number sentence is correct, the kid who creates it gets to help throw the snowballs for the next round. If the number sentence is not correct/complete/follows the rules above, then shout out "Unfreeze!" and game play continues.
9. Once a correct/complete/rule adhering number sentence is uncovered, re-wad the snowballs and re-set the game for another round.

### Tips:

This game can be easily adaptable to other skill levels and math concepts.

Try creating **Snowballs of Fractions** – numerators and denominators. First child to find 2 equivalent fractions wins! (Example – 2/4ths and 1/2 are equivalent fractions)

Or try **Equation Snowballs** – create snowballs with different portions of mathematical equations. First child to complete an equation correctly wins!  
(Example - The Pythagorean Theorem! Components would be:  $a^2 + b^2 = c^2$  )