Grade 6 - Algebra Basics Formulas

Maharashtra Board Syllabus (NEP 2025-26)

Algebra Basics

Variable

`x, y, z, etc.`

A symbol that represents an unknown value or a value that can change.

Expression

`2x + 3, 5y - 7, etc.`

A combination of variables, numbers, and operations without an equals sign.

Equation

`x + 5 = 10, 2y - 3 = 7, etc.`

A statement that two expressions are equal, indicated by an equals sign (=).

Like Terms

```
3x and 5x, 2y² and -4y², etc.
```

Terms with the same variables raised to the same powers.

Combining Like Terms

```
3x + 5x = 8x, 2y² - 4y² = -2y², etc.
```

Add or subtract the coefficients of like terms.