## ✅ Math Tutorial

### 1.

**Example**: Solve the equation 2x + 3 = 7  
**Solution**: 2x = 4 → x = 2  
**Equation**: a² + b² = c²

### 2.

**Example**: Solve the equation 5x - 10 = 20  
**Solution**: 5x = 30 → x = 6  
**Equation**: y = mx + b

### 3.

**Example**: Solve the equation 4x + 8 = 0  
**Solution**: 4x = -8 → x = -2  
**Equation**: x² - 9 = 0

### 4.

**Example**: Solve the equation 3x - 4 = 2x + 5  
**Solution**: x = 9  
**Equation**: (a + b)² = a² + 2ab + b²

### 5.

**Example**: Solve the equation x/2 + 3 = 5  
**Solution**: x/2 = 2 → x = 4  
**Equation**: A = πr²

### 6.

**Example**: Solve the equation 2x - 7 = -1  
**Solution**: 2x = 6 → x = 3  
**Equation**: d = √[(x₂ - x₁)² + (y₂ - y₁)²]

### 7.

**Example**: Solve the equation x² = 49  
**Solution**: x = ±7  
**Equation**: V = l × w × h

### 8.

**Example**: Solve the equation 3(x - 1) = 9  
**Solution**: x - 1 = 3 → x = 4  
**Equation**: S = ut + ½at²

### 9.

**Example**: Solve the equation x² - 16 = 0  
**Solution**: x = ±4  
**Equation**: E = mc²

### 10.

**Example**: Solve the equation 7x + 2 = 23  
**Solution**: 7x = 21 → x = 3  
**Equation**: f(x) = x² + 2x + 1

**Format-1**- Wednesday, 02 July 2025

**Format-2**- 02-07-2025 10:13:33

**Format-3**- 02/07/2025

**Format-4**- 10:13:45 AM

**Format-5**- 02 July 2025

# 1-COLUMN CHART

# 2-LINE CHART

# 3-PIE CHART

1. a≤b
2. a≠b
3. a÷b
4. a±b
5. a×b
6. a\*b
7. a≥b
8. a×b
9. a=b

10-a%b