Rate Calculation Worksheet

Convert raw counts into comparable rates across activities and days

classroompulse.io

Rate Formula

Quick Reminder

Rate = Count ÷ Time observed

Use rate whenever observation windows are different lengths. That keeps comparisons fair across classes, staff, or days.

Practice Table

Behavior / Context	Count	Minutes observed	Rate per minute	Rate per hour
Calling out during math				
Out of seat during centers				
Task initiations in reading				
Peer prompts during recess				

Error Check

- [ ] Use the same behavior definition across observations
- [ ] Convert all observation times into the same unit first
- [ ] Only compare rates when context is reasonably similar
- [ ] Graph the rate if the team needs to see a trend over time

Additional calculations

Skip the Calculator Work

Classroom Pulse calculates rates automatically and keeps your graphs aligned even when staff observe for different lengths of time.

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