

Math 1010 Reflection: Time-Calculation Skills Demonstrated

To design the 45-minute Kenwood Middle School Anti-Bullying Pep Rally, I applied several mathematical and analytical skills that align directly with Math 1010 learning outcomes. The process required:

- **Time Allocation Skills:** Breaking the program into timed segments and assigning appropriate minute intervals to each activity.
- **Sequencing & Logical Ordering** Arranging introductions, performances, interviews, and transitions in a structured, efficient order that maintained flow.
- **Cumulative Time Calculation:** Adding each segment's duration to ensure the total equaled exactly 45 minutes without exceeding the school's schedule.
- **Adjustment & Optimization** Modifying segment lengths to prevent overlap, reduce downtime, and maintain student engagement.
- **Quantitative Reasoning:** Interpreting numerical constraints, evaluating timing needs, and making data-based decisions to fit all components into a fixed time window.
- **Real-World Application of Mathematical Concepts** Using proportional thinking, modular timing patterns, and practical problem-solving to coordinate a complex, multi-step event.

Together, these skills demonstrate my ability to apply mathematical reasoning in a real-world executive setting. The time-calculation process reflects the core expectations of Math 1010 by showing that I can analyze numerical information, organize it into a functional plan, and use mathematics to support effective decision-making in community programming.

PROGRAM Time Calculation Analysis for 45-Minute Program

Kenwood Middle School Girls' Anti-Bullying Pep Rally Hosted by Team **I AM INVISIBLE BULLYING & SUICIDE**

Event Duration: 12:15 PM – 1:00 PM **Total Time:** 45 minutes

Below is a breakdown of how the program fits into the 45-minute window using structured time allocation.

1. Opening Sequence (5 minutes)

12:15–12:20 PM

- Cheerleaders form two columns
- Students march in with anti-bullying signs
- Music: “I Refuse” by Norez
- Cheerleaders remain on court
- MC (Mrs. Edwards) welcomes students and sets the tone

Time Used: 5 minutes

Time Remaining: 40 minutes

2. Grand Introduction of Guests (3 minutes)

12:20–12:23 PM

- Introduction of Team I AM INVISIBLE
- Introduction of APSU Women's Lacrosse Team
- Introduction of Professor Seymour Hagan

Time Used: 3 minutes

Time Remaining: 37 minutes

3. APSU Women's Lacrosse Demonstration (5 minutes)

12:23–12:28 PM

- High-energy drumline soundtrack
- 2–3 minute skills showcase
- Each player steps forward, states name and position

Time Used: 5 minutes

Time Remaining: 32 minutes

4. Mini-Interview with Alexis Block (5 minutes)

12:28–12:33 PM

Three questions exploring:

- Background and connection to Tennessee
- Inspiration for playing lacrosse
- Encouragement for girls facing self-doubt

Time Used: 5 minutes

Time Remaining: 27 minutes

5. Cheerleader Anti-Bullying Performance (3 minutes)

12:33–12:36 PM

- Specially choreographed cheer
- Reinforces anti-bullying message

Time Used: 3 minutes

Time Remaining: 24 minutes

6. Mini-Interview with Professor Seymour Hagan (8 minutes)

12:36–12:44 PM

Theme: **“Your Voice Matters—From Dreams to Destiny”** Three questions exploring:

- Childhood dream of being a singer
- Lessons learned as a CMCSS bus driver
- Returning to school and becoming a professor

Time Used: 8 minutes

Time Remaining: 16 minutes

7. Closing Message & Student Walkout (10 minutes)

12:44–12:54 PM

- Song: “I Got Your Back” by Norez
- Team I AM INVISIBLE walks with students
- Reinforces courage, kindness, and anti-bullying unity

Time Used: 10 minutes

Time Remaining: 6 minutes

8. Transition Buffer (6 minutes)

12:54–1:00 PM

- Students return to class
- Team exits the gym
- Staff resets space

Time Used: 6 minutes

Time Remaining: 0 minutes

Program Ends Exactly at 1:00 PM