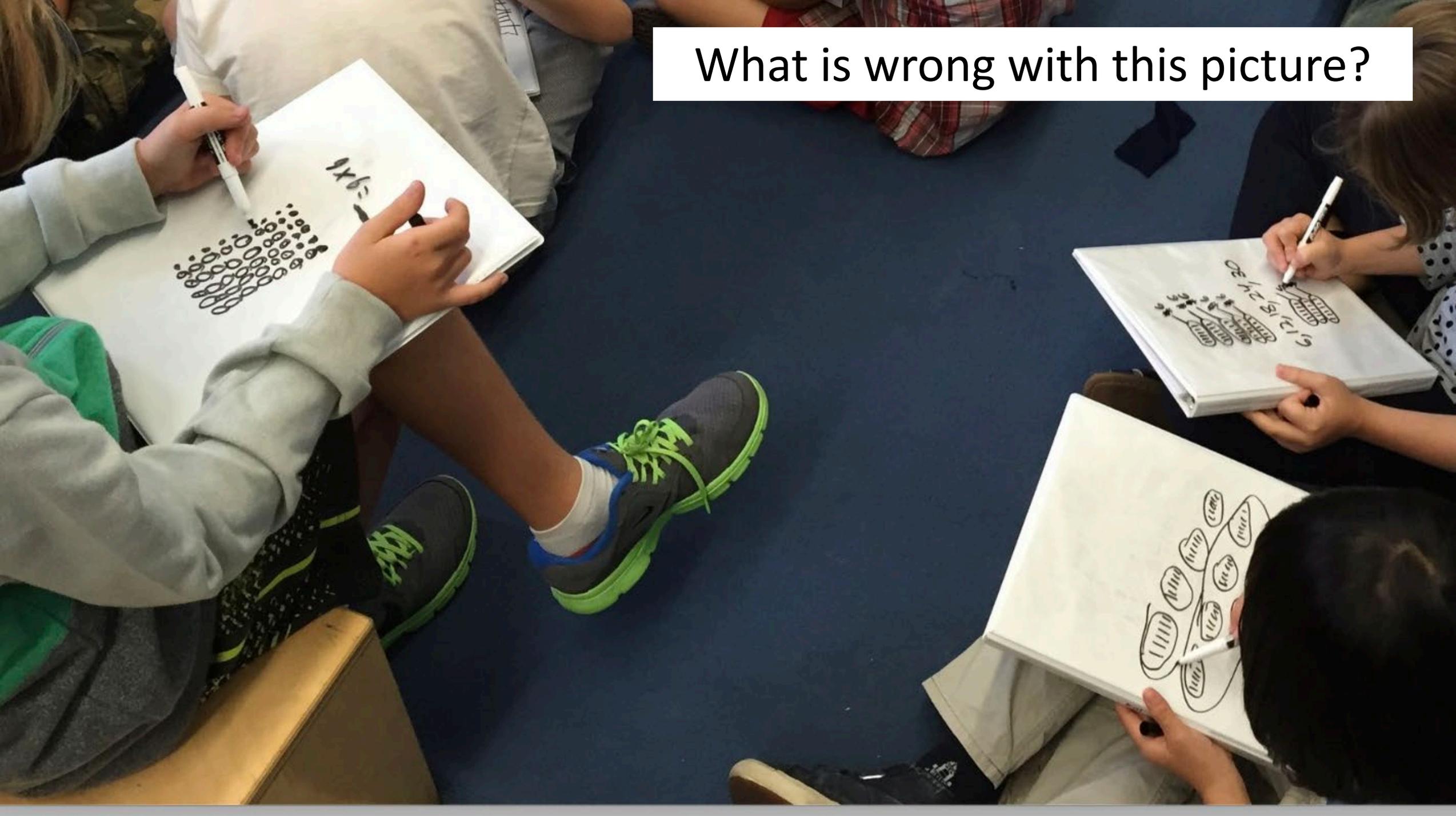
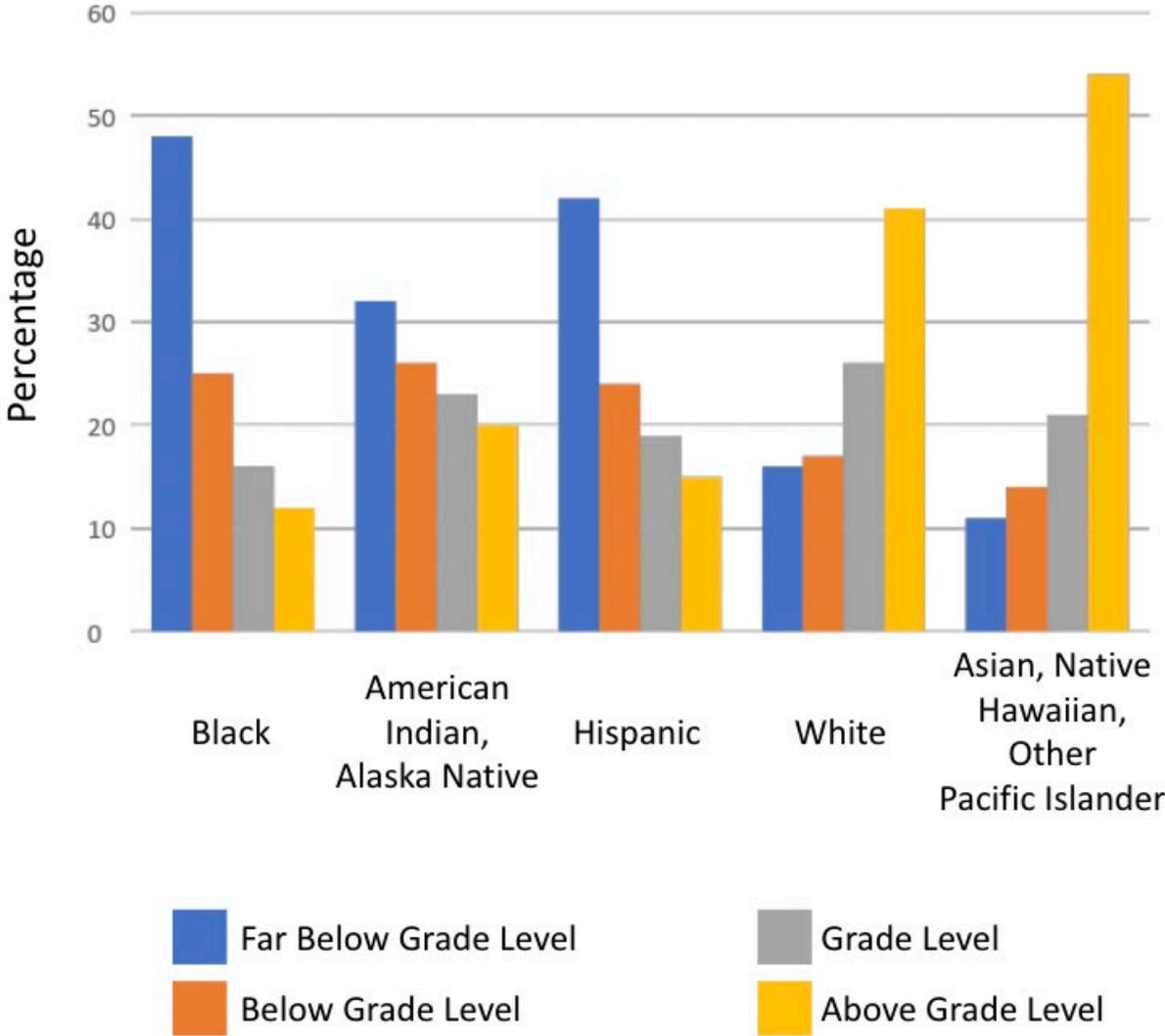


What is wrong with this picture?



5TH Grade NY State Math Test New York City Public Schools, 2019



Factors Impacting Elementary Teacher Success with Math

- Early reading skills/test prep supplanting creative play time in early years interferes with abstract reasoning development
- High teacher turnover
- Interruptions to instruction/national trends of violence and childhood stress
- Low level of licensing standards for teacher competence in math
- “Professional development” that evades rather than embraces the Common Core Standards
- A lack of focus on abstract reasoning and proportional thinking/fractions
- **Teacher isolation from the larger community of math educators in middle and high schools**