

MeTEOR Performance Task

Fourth Grade

Mathematics

Perfect Attendance



Performance Task Item: Perfect Attendance

Task/Question 1:

Your school is planning a party for students who have perfect attendance. The chart below shows the number of students that are invited to the Perfect Attendance Party.

Teacher	# of students participating
Mrs. Jones - Kindergarten	3
Mrs. Baker – 1 st Grade	7
Mr. Thomas – 2 nd Grade	6
Mrs. Parker – 3 rd Grade	4
Mrs. Pena– 4th Grade	6
Mr. Collins – 5th Grade	7

- A.** Estimate how many students are participating in the perfect attendance party?

- B.** Explain in writing your mathematical thinking for your estimate in Part A.

- C.** How close was your estimate in question A to the actual answer?

Task/Question 2:

- A.** Your principal decided to have pizza and drinks at the Perfect Attendance Party. One pizza will feed 4 students. Based on the numbers participating in Task/Question 1, how many pizzas are needed for all of the students?

- B.** If each pizza costs \$9.99 **about** how much money will be spent on pizza?

- C.** A budget of \$121.00 was set to cover the cost of pizza and drinks for the party. Based on your estimate for the cost of pizza in Part B, **about** how much money can be spent on drinks?

- D.** Create a challenge question for your math partner that changes **one** component of the Perfect Attendance Party (cost of pizza, number of students each pizza serves, the budget, number of students attending the party, etc.).

- E.** Trade challenge problems with your math partner. Answer the challenge question and provide feedback to your partner on his/her challenge problem.

Task/Question 3:

- A.** You noticed each pizza has 12 slices and $\frac{3}{4}$ of the total pizzas purchased were left over. Draw a visual representation of the pizza left over.
- B.** Your friend thought $\frac{2}{3}$ of the pizza was left over. If your friend is correct, draw a visual representation to show how much pizza is leftover now.
- C.** Compare the fractions using comparison symbols $<$, $>$, $=$



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