

Coyote Creek Math Challenge

Data & Probability

You can complete your solution on the BACK of this paper or use your own paper.

To enter the prize draw
place your solution in the
MATH CHALLENGE
box at the office!

Don't forget your name
and division!!

In a Fine Arts school, 32 students take band, 40 take choir, and 30 take dance. Of those who take band, 20 take choir but not dance. Seven students take band and dance but not choir. Six students take choir and dance but not band. Four students take all 3 classes. The rest of the students, 4 of them, do not take band, dance, or choir because they couldn't fit it into their schedules. They take acting instead.

How many students are in the school?

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- SOLUTIONS WILL BE COLLECTED AFTER SCHOOL EVERY TUESDAY
 - YOU MUST SHOW YOUR WORK OR EXPLAIN HOW YOU SOLVED THE PROBLEM TO QUALIFY FOR THE PRIZE DRAW
 - A NEW MATH CHALLENGE PROBLEM WILL BE POSTED EVERY WEDNESDAY, AS WELL AS THE SOLUTION TO THE PREVIOUS PROBLEM.

Have Fun!

Math Challenge Solution!

Name: _____ Division: _____