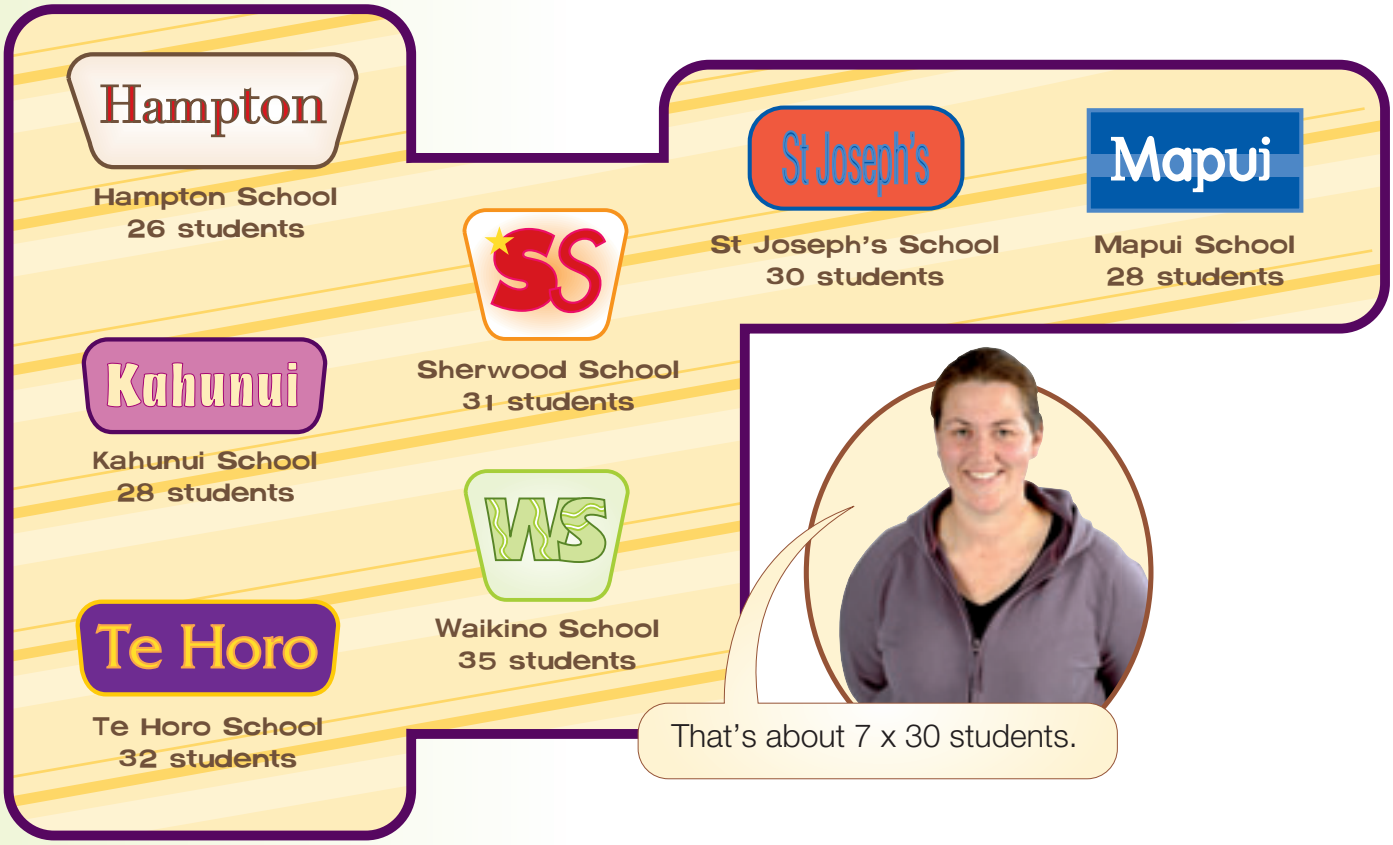
Team Schemes

You need ☑ a classmate

Activity

Ms Kelly is organising the district sports day. On that day, all the students from the small schools in the district come together to play various sports.

1. Each school has told Ms Kelly how many students will be taking part.



How can Ms Kelly use 7 x 30 to work out the exact number of students?

2. Every student will play each of these sports once during the day:

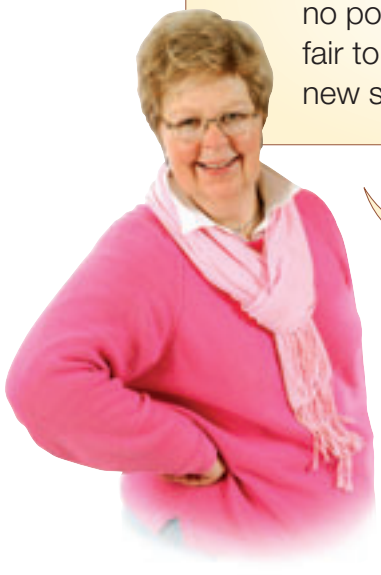
Bowls 2 students per team	Mini-soccer 6 students per team	Touch rugby 7 students per team
Basketball 5 students per team	Triathlon 3 students per team	Beach volleyball 4 students per team

How many teams will there be for each sport?

Teams are usually made up of students from the same school, but sometimes students have to play in mixed-school teams.

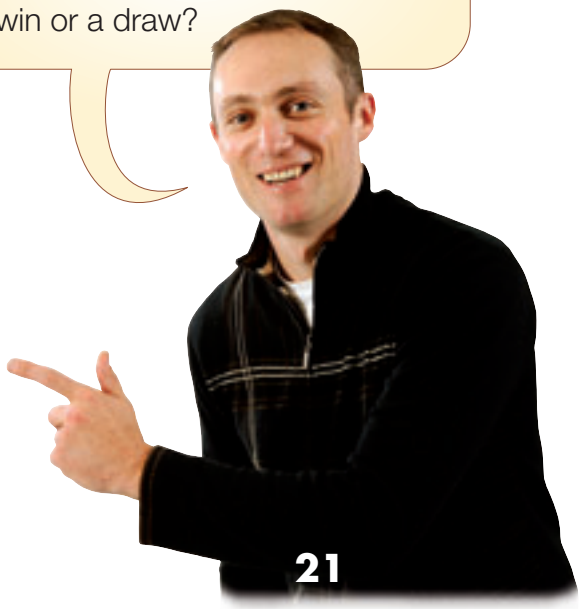
3. For each sport, how many players will need to be in mixed teams?

4. To find the most "sporty" school, the schools will get points from each game.



Last year, for each game, teams got 3 points for a win, 1 point for a draw, and no points for a loss. But that wasn't fair to the mixed teams. We need a new system.

What about each team member earning points for their school for a win or a draw?



With a classmate, work out a points system that would work for all team members and would find the most "sporty" school. Explain why your system is fair.