

Four Lines

Equipment:

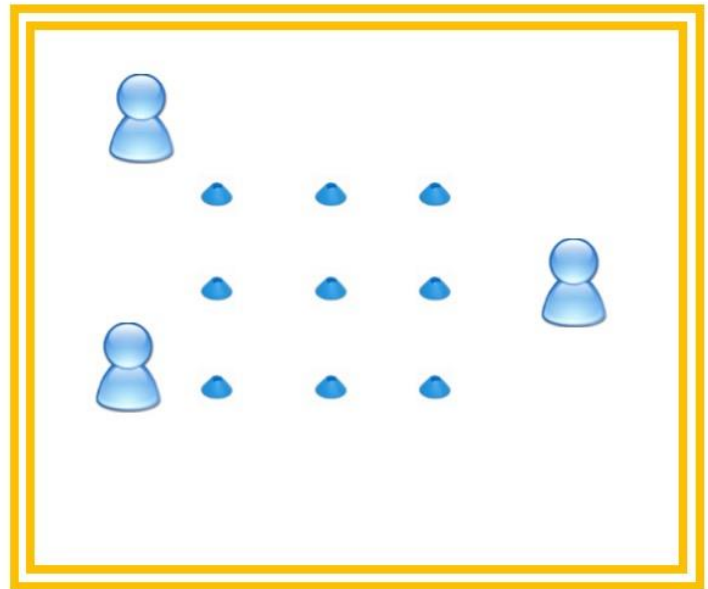
9 cones per group.

Description:

Group members place their cones in a 3 x 3 square. The aim is to work out how to walk in four straight lines so they visit each cone without having to go over one of the lines they have walked.

Set Up:

Set up a 3 x 3 square using 9 cones.



Rules:

All members of each team must walk and visit each cone using 4 straight lines. So every time they make a turn then this becomes a new line.

Group members may not walk along any part of a line that they have already travelled.

Adaptation:

Place a time constraint on the activity.

Add more cones to make a 4 x 4 square. What is the fewest number of lines you must walk to complete the activity now?

Discussion:

Did you spend time thinking about this before you started moving cones?

How many attempts did you take to complete the task?

Why?

Could you have worked together better to complete this task?