

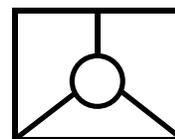
*Answer board for
teams with 4
members*

CHECKSUM

Instructions

Materials: scissors, six envelopes, six 24" × 30" sheets of paper to be used as a game board for each team, and a set of game problems. The game pieces are found on the next page.

A game for teams of three or four.



*Answer board for
teams with 3
members*

Teacher Preparation

1. The game pieces and masters are found on the next pages.
2. Cut out the pieces and group by color [A1, A2, A3, A4, etc.] with a paper clip or rubber band.
3. Place the 6 sets of problems in an envelope.

Team Preparation

1. Form teams of 4. (If your team has only 3 members, someone in your team has to work two problems.)
2. Draw the 24" × 30" answer board. Use the models at the top of the page to define the work area for each member of the team. Write the sum inside the circle.
3. When prompted, the team captains distribute 4 same-color game pieces.

Rules of the Game

1. Each student works a different problem.
2. Students must show the work on the game board.
3. Team members add the four answers, agree that the addition is correct, and then write the sum in the circle on the answer board.
4. The teacher checks the sum for accuracy. If the sum is not correct, students are instructed to re-work their problems. If the checksum is still wrong, the students are told to rotate their group answer sheets 90°. Each member of the team then works a different problem and a new *CkeckSum* is entered in the circle.
5. After a sum is checked, the problems are grouped and placed back in the game envelope.

Checksum Answers for B-9

A	B	C	D	E
34	15	162	86	44

5. Solve problems....
Checksum