The Game Zone

A Place To Practice Your Math Skills

Racing with Proportions
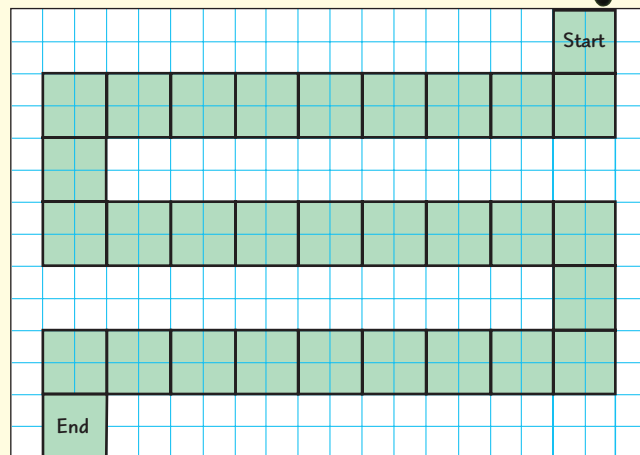
GET READY!

Players: two
Materials: centimeter grid paper, spinner, centimeter cubes

GET SET!

- Copy the game board at the right onto grid paper.

- Label equal sections of a spinner with 10, 12, 15, 20, 24, 30, 40, and 60.

GO!

- Each player places a cube on the *Start* square. (Note that both cubes will not fit on the same square. Place them side by side.)

- Each player spins the spinner and substitutes the number on the spinner for x in the proportion $\frac{y}{15} = \frac{8}{x}$. The player solves the proportion and moves his or her centimeter cube y spaces.

- Then each player spins the spinner and substitutes the number on the spinner for y in the given proportion. He or she solves the proportion and moves his or her centimeter cube x spaces.

- Continue to spin the spinner and solve the proportion for y and x.

- **Who Wins?** The first person to reach the *End* square wins the round. It is not necessary to land on *End* with an exact roll.