Possible Solutions

The local theater is a common place for students to go on field trips. The theater requires that for every 30 students, 2 adults attend the trip.

Students	30	60	90	150
Adults	2			

Complete the table above to determine how many adults must attend if 150 students take a field trip to the theater.

- Determine the initial ratio provided. If 30 students attend and 2 adults are needed, how many students will each adult monitor? The ratio is 15:1. This means that for each group of 15 students, there is 1 adult.
- Complete the table for each of the pairs by using the ratio of 15:1-
  a. How many groups of 15 in 60?   4
  b. How many groups of 15 in 90?   6
  c. How many groups of 15 in 150?   10
- Finally, decide how many adults are needed for a group of 150 students?
- The solution is 10.