

## Examine this venue diagram. (Planet Shakers)

Work out the total number of seats available and how many seats each student can get.

Write a paragraph to describe the way you worked this out.

- \* Planet Shakers bought the business for \$55,100. How much should they charge for each seat to make their money back in one event?
- \* \* Planet Shakers bought the business for \$110,200? How much should they charge for each seat to make their money back in one event?
- \* \* \* Planet Shakers bought the business for \$83,201. How much should they charge for each seat to make their money back in one event?

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- \* How much should the company charge for a ticket to Graduation in order to double the money they invested?
  - \* \* How much should the company charge for a ticket to Graduation in order to triple the money they invested within 4 years? (1 graduation per year)
  - \* \* Planet Shakers need a return on their investment in one year. At this cost, they aim to make a million dollars. How many tickets need to be sold to reach that goal? (1 graduation per year)

## 360 Centre Seating Layout

