

Are you an Arcade winner?

You and two friends have just bought three arcade games and have found a place to rent so you can set up a small arcade shop. You have to make sure you make enough money to cover your costs. To help you work out how much money you need to make, work out the answers to the following questions to help formulate your business plan-

1. The rent you have to pay is worked out on the floor space taken up by the arcade games. The cost is \$2 for each square centimetre the game takes up.
2. Cleaning costs are worked out based on the height of your game and perimeter as the cleaner has to clean around each game, up the sides and on top of it. Cleaning cost is \$1 for each centimetre around plus each centimetre up.
3. You will use approx. 1200 kWh each month and approx. 500 MJ of gas. Go to http://www.originenergy.com.au/energysolutions/?connection_type=R and choose an energy plan that you think will help you save on power costs. How much might you spend on power each month?
4. You need to make sure that each of the business partners receives a wage. Currently the full-time minimum wage is **\$16.37** per hour or **\$622.20** per week. The business will be open from 11:00am until 10:00pm. How many hours is that? How much will a partner receive based on the hourly rate?
5. Total up your costs so far.
6. How much will you need to charge for entry to be able to cover your costs?