

# Activity Sheet

## Break Even Analysis



### Step 1

Here are twelve (12) financial facts about a forthcoming event. Work out how many participants you need to break even if participants are charged \$80 each. Initially you should assume that the event would last three (3) days.

Financial Facts	
1.	200 event programmes will be printed at a cost of \$2 each
2.	Adverts will be placed in four different local newspapers at a cost of \$100 each.
3.	Referee costs are expected to amount to \$500 per day.
4.	The organisers of the event will make a donation of \$200 to St. Johns Ambulance for their provision of First Aid services.
5.	Each competitor will receive a medal costing \$5
6.	Personnel who have been hired on a professional basis will be paid \$10,000
7.	The venue hired for the event will cost \$500 per day
8.	A shirt embroidered with sponsors logo, costing \$15 each, will be given to each competitor
9.	Catering for volunteers will be \$10 per person per day. It is expected that the volunteer team will be 50 in total and everyone will be required to work every day.
10.	Each competitor will be provided with refreshments \$5 per day
11.	Public liability Insurance for the event will cost \$1,000
12.	Security will cost \$300 per day

### Step 2

How would your break-even calculation change if the highest number of competitors that could be handled per day is 200? You will need to look at, and separate, the costs which are charged on a "Per day" basis".