

# - THE SPIS -

THEATRICAL COSTUMIERS LTD

## STUDENT COURSEWORK INFORMATION

We frequently receive enquiries from students studying Musical Theatre regarding our costumes. The enquiries are varied but invariably relate to a hypothetical hiring of a show costume set.

To assist you we have created the following example rental calculator. You can use this to produce your own costume rental budget.

### WE SUGGEST CONSIDERING THE FOLLOWING PARAMETERS

*T<sub>p</sub> = Total unique costume changes for all principals*

*T<sub>c</sub> = Total unique costume changes for all chorus*

*V<sub>p</sub> = Average cost of principal costume (design & manufacture)*

*V<sub>c</sub> = Average cost of chorus costume (manufacture)*

*W<sub>p</sub> = weight of principal costume (average)*

*W<sub>c</sub> = weight of chorus costume (average)*

*Q<sub>m</sub> = Quality multiplier (how much better and complex a principal costume is over a chorus costume)*

*D = How many days rental required (from IN to OUT)*

*W = Duration of rental expressed as Whole weeks*

*TV = Total value of costume set*

*R<sub>u</sub> = Rental uplift (covers overheads etc)*

*W<sub>d</sub> = delivery weight*

*P<sub>s</sub> = one way shipping cost for entire set of costumes.*

*P<sub>d</sub> = shipping transit time for chosen delivery method.*

*ROI = return of investment expressed as rentals per set, i.e. how many weekly rentals to recover total value of set*

*R<sub>e</sub> = Rental cost*

*GT = grand total*

### CALCULATIONS

1. Determine the values for T<sub>p</sub> and T<sub>c</sub> based on your own show production and costume plot.
2. Estimate values for W<sub>p</sub> and W<sub>c</sub> by weighing similar items. Remember to include footwear if required.
3. Calculate  $W_d = T_p \times W_p + T_c \times W_c$ .
4. Select a delivery method such as Parcelforce and lookup delivery costs (P<sub>s</sub>) for the weight (W<sub>d</sub> from step 3) using their website. Note that if the delivery weight exceeds the

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couriers single parcel weight you'll need to allow for additional parcels, e.g.  $P_s = (W_d / \text{courier max parcel weight}) \times \text{parcel cost for max weight}$ .

5. Record the shipping delay ( $P_d$ ). A faster service would cost more but reduce the rental period.
6. Calculate  $TV = ((T_p \times V_p) + (T_c \times V_c))$ , where  $V_p = V_c \times Q_m$
7. Calculate duration of rental as  $W = (D + 2 \times P_d) / 7$  and round up, e.g. 1.1 becomes 2.
8. Calculate  $Re = (TV / ROI) \times W \times Ru$
9. Finally add the delivery & collection costs  $GT = Re + (2 \times P_s)$

### NOTES

You'll need to provide your own figures for the various parameter values, these depend very much upon the show itself and the director's vision for the costumes. You'll also need to judge values for commercially sensitive information  $V_p$ ,  $V_c$ ,  $Q_m$ ,  $Ru$  and  $ROI$  yourself.

We regret that we cannot reply to any direct enquiries from students due to the volume of requests.

We hope that this information sheet is beneficial to you and wish you all the best with your studies.