|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Play Structure Name |  | | | | | | | |
| Your Name |  | | | | | | | |
|  | Rectangular Prism | | Cylinder | | Triangular Prism | | Shape 4:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | *What is being measured* | *Dimension* | *What is being measured* | *Dimensions* | *What is being measured* | *Dimensions* | *What is being measured* | *Actual Dimensions* |
| Shape Dimensions | Length |  | Radius |  | R1 Length |  |  |  |
| Width |  | Height |  | R1 Width |  |  |  |
| Height |  |  |  | R2 Length |  |  |  |
|  |  |  |  | R2 Width |  |  |  |
|  |  |  |  | R3 Length |  |  |  |
|  |  |  |  | R3 Width |  |  |  |
|  |  |  |  | Tri. Base |  |  |  |
|  |  |  |  | Tri. height |  |  |  |
|  | | | | | | | | |
| Areas of the parts of each shape | Parts | Area | Parts | Area | Parts | Area | Parts | Area |
| Top |  | Tube |  | R1 |  |  |  |
| Bottom |  | Ends |  | R2 |  |  |  |
| Left |  |  |  | R3 |  |  |  |
| Right |  |  |  | T1 |  |  |  |
| Front |  |  |  | T2 |  |  |  |
| Back |  |  |  |  |  |  |  |
|  | | | | | | | | |
| Overlaps  Openings to be removed  (as needed) | Overlaps and Optional Openings | Area Removed | Overlaps and Optional Openings | Area Removed | Overlaps and Optional Openings | Area Removed | Overlaps and Optional Openings | Area Removed |
| Connection(s) to adjacent shape(s) |  | Connection(s) to adjacent shape(s) |  | Connection(s) to adjacent shape(s) |  | Connection(s) to adjacent shape(s) |  |
| Door(s) |  | Door(s) |  | Door(s) |  | Door(s) |  |
| Window(s) |  | Window(s) |  | Window(s) |  | Window(s) |  |
|  | | | | | | | | |
| Total Area Removed  (overlaps and openings removed) |  | |  | |  | |  | |
|  | | | | | | | | |
| Fabric Cost Calculations | Fabric Colour |  | Fabric Colour |  | Fabric Colour |  | Fabric Colour |  |
| Cost per SqM |  | Cost per SqM |  | Cost per SqM |  | Cost per SqM |  |
| Fabric Amount |  | Fabric Amount |  | Fabric Amount |  | Fabric Amount |  |
| Fabric Cost |  | Fabric Cost |  | Fabric Cost |  | Fabric Cost |  |
|  | | | | | | | | |
| Support Cost Calculations | Support Type |  | Support Type |  | Support Type |  | Support Type |  |
| Cost per m |  | Cost per m |  | Cost per m |  | Cost per m |  |
| Total Length |  | Total Length |  | Total Length |  | Total Length |  |
| Support Cost |  | Support Cost |  | Support Cost |  | Support Cost |  |
|  | | | | | | | | |
| Total Cost for each | Fabric Cost +  Support Cost = | | Fabric Cost +  Support Cost = | | Fabric Cost +  Support Cost = | | Fabric Cost +  Support Cost = | |
| Grand Total Cost |  | | | | | | | |