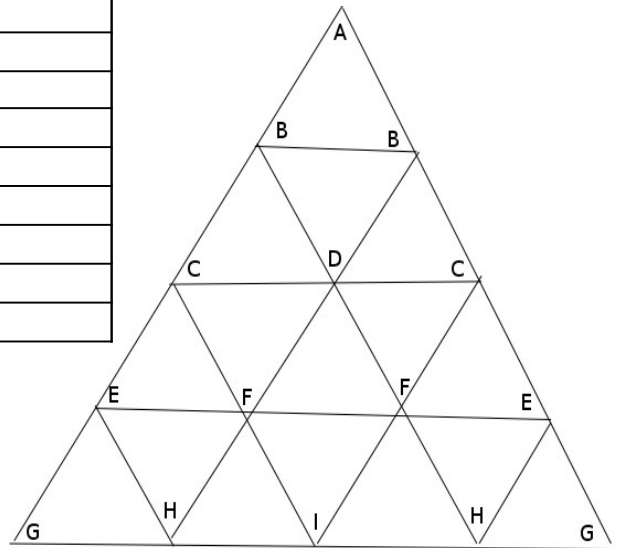


Parabolic Dome Worksheet

The first table is for calculating domes where the height equals the radius. The second table is for domes in which the height is only one half of the radius. Print out this worksheet, enter radius, and fill in the other columns as indicated.

| | factor | Radius | length | +0.1 ft. | Qty | length |
|-------|--------|--------|--------|----------|-----|--------|
| AB | 0.2577 | | | | 6 | |
| BB | 0.2500 | | | | 6 | |
| BC | 0.3125 | | | | 6 | |
| BD | 0.3621 | | | | 12 | |
| CD | 0.2588 | | | | 12 | |
| CE | 0.4532 | | | | 6 | |
| CF | 0.4002 | | | | 12 | |
| DF | 0.4142 | | | | 12 | |
| EF,FF | 0.2605 | | | | 18 | |
| EG | 0.5039 | | | | 6 | |
| EH | 0.5523 | | | | 12 | |
| FH | 0.5095 | | | | 12 | |
| FI | 0.5260 | | | | 12 | |
| GH,HI | 0.2611 | | | | 24 | |
| | | | | SUMS>> | 156 | |



| Height = Radius/2 (Low Profile) | | | | | | |
|---------------------------------|-----------------|------|--------------------------|--------------------|-----|-----------------|
| | | | Radius X chord factor | | | Qty X length |
| | Chord factor | Rad. | Strut length | +1" or +0.1 ft. | Qty | total length |
| AB | 0.25195 | | | | 6 | |
| BB | 0.25000 | | | | 6 | |
| BC | 0.26700 | | | | 6 | |
| BD | 0.32370 | | | | 12 | |
| CD | 0.25882 | | | | 12 | |
| CE | 0.36352 | | | | 6 | |
| CF | 0.29481 | | | | 12 | |
| DF | 0.31354 | | | | 12 | |
| EF,FF | 0.26047 | | | | 18 | |
| EG | 0.33219 | | | | 6 | |
| EH | 0.40182 | | | | 12 | |
| FH | 0.34068 | | | | 12 | |
| FI | 0.36488 | | | | 12 | |
| GH,HI | 0.26105 | | | | 24 | |
| | | | | SUMS>> | 156 | |