***MAP4C – FORMULA SHEET FOR PLAYDOH, WATER AND PAPER QUESTIONS***

**Checklist of Things to try to Include:**

**-Sphere
-Cylinder
-Cube
-Playdoh
-Water
-Paper
-Working with %
-How many times
-Square roots
-Cube roots
-Volumes
-Surface Areas**

|  |  |  |
| --- | --- | --- |
| **SHAPE** | **PERIMETER** | **AREA** |
| Circle |  |  |
| Square | (s is side length of square) |  |

|  |  |  |
| --- | --- | --- |
| **SHAPE** | **SURFACE AREA** | **VOLUME** |
| Sphere |  |  |
| Cylinder |  |  |
| Cube | (b is side length of cube) |  |
| Square-based prism | $$S=2wl+2wh+2lh$$ | $$V=b^{2}h$$ |