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| --- | --- |
| **Fill in the Blanks** | **Volume and Surface Area of Cylinders** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Radius** | **Height** | **Volume in terms of** $π$ | **Volume** **to 3 s.f.** | **Curved** **Surface Area in terms of** $π$ | **Total** **Surface Area** **in terms of** $π$ | **Total** **Surface Area** **to 3 s.f.** |
| $$5 cm$$ | $$10 cm$$ | $$250π cm^{3}$$ |  | $$100π cm^{2}$$ | $$150π cm^{2}$$ |  |
| $$7 cm$$ | $$15 cm$$ |  |  | $$210π cm^{2}$$ |  |  |
| $$16 mm$$ | $$20 mm$$ |  |  |  |  |  |
| $$0.6 m$$ | $$2.4 m$$ |  |  |  |  |  |
| $$10 cm$$ |  | $$500π cm^{3}$$ |  |  |  |  |
|  | $$12 cm$$ |  |  | $$192π cm^{2}$$ |  |  |
| $$1.5 m$$ |  |  |  |  | $$\frac{39}{2}π m^{2}$$ |  |
|  | $$20 mm$$ |  |  |  | $$312π mm^{2}$$ |  |