

Mensuration: Worksheet -10

Match the following :

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| 1. Diagonal of cuboid of l, b, h | [] | a) S dimensions |
| 2. T.S.A of cuboid of l, b, h | [] | b) $\frac{1}{3} \times \text{area of base} \times$
height |
| 3. Volume of pyramid | [] | c) $2 (lb + bh + lh)$ |
| 4. Volume of prism | [] | d) $\sqrt{l^2 + b^2 + h^2}$ |
| 5. Volume of cube of side S | [] | e) Area of base $\times$
height |
| 6. Volume of cone | [] | f) πrl |
| 7. Volume of cylinder | [] | g) $\pi(R^2 - r^2)h$ |
| 8. T.S.A of cone | [] | h) $\frac{1}{3} \pi r^2 h$ |
| 9. Volume of Hollow cylinder | [] | i) $\frac{\pi h}{3} (r_1^2 + r_1 r_2 + r_2^2)$ |
| 10. Volume of frustum | [] | j) $\pi r^2 h$ |

