|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Surface area and volume

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1T |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 2S |  |  |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 3V |  O |  L |  U |  M |  E |  |  |  |  | 4C |  |  T |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  O |  |  A |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  |  | 5C |  |  N |  |  L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  | 6C |  U |  B |  E |  |  S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  H |  |  |  | 7S |  |  B |  |  |  |  U |  | 8C |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 9H |  E |  M |  I |  S |  P |  H |  E |  R |  E |  |  R |  |  Y |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  I |  |  |  |  H |  |  |  |  |  |  F |  |  L |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  G |  |  |  |  E |  | 10C |  |  |  |  A |  |  I |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 11R |  I |  G |  H |  T |  C |  I |  R |  C |  U |  L |  A |  R |  C |  O |  N |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  E |  |  B |  |  |  |  E |  |  D |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  A |  |  E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 12C |  U |  B |  O |  I |  D |  |  |  R |  |  R |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  D |  |  |  |  E |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****3.** the measure of a occupied space by a solid is called**6.** 'a cube' is the volume of**9.** 2/3 pi r square is the volume of**11.** a figure generated by rotating a right triangle about a perpendicular side is called**12.** l x b x h is the volume of  | **Down****1.** 6 'a square ' is the ---------- of a cube**2.** root(r square + h square ) is the **4.** 1/3 pi "r square"is the volume of **5.** a cuboid whose length and breadths are equal**7.** 4/3 pi r square is the volume of**8.** 2 pi r(r+h) is the total surface area of**10.** a solid bounded by 6 rectangular faces |