**What Problem Does a Five Foot Person Have?**

To work out the answer, find the volumes of the cuboids below and use the coded answer.



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| I | Length | 9 |  | B | Length | 15 |  | Y | Length | 12 |  | H | Length | 16 |
|  | Width | 7 |  |  | Width | 4 |  |  | Width | 12 |  |  | Width | 11 |
|  | Height | 10 |  |  | Height | 8 |  |  | Height | 5 |  |  | Height | 15 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| T | Length | 18 |  | A | Length | 14 |  | P | Length | 30 |  | S | Length | 17 |
|  | Width | 6 |  |  | Width | 8 |  |  | Width | 20 |  |  | Width | ½ |
|  | Height | 25 |  |  | Height | 3 |  |  | Height | ½ |  |  | Height | 40 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Coded Answer | 480 | 48 | 720 | 630 | 60 | 45 | 2700 | 72 | 64 | 336 | 60 | 36 | 336 | 2640 | 336 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | 75 | 300 | 336 | 630 | 56 | 340 | 64 | 75 | 340 | 2640 | 64 | 27 | 340 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |