**Prove Your Knowledge Of Unit Conversions With…**

 **Answers**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Question** | **Answer** | **R** | **A** | **G** |
| *Converting metric measures* |
| **1** | Stefan’s vampire ID card claims that he is $1.8m$ tall. What is that in centimetres? | 180cm |  |  |  |
| **2** | Stefan’s weight is $6700g$ more than his old vampire ID card claims. What is that in kilograms? | 6.7kg |  |  |  |
| **3** | Stefan had to drink $1.3l $of blood just to survive (he usually denies himself). How many millilitres is that? | 1300ml |  |  |  |
| *Calculating with metric measures* |
| **1** | Elaine is mixing a punch for a party containing $2l $of orange juice, $700ml $of cranberry juice and $40cl $of pineapple juice. How much punch will Elena have in total? | 3.1 litres |  |  |  |
| **2** | Elena has decided to go on a brisk walk to consider things. She walks $800m$ then pauses then $1.3km$ before pausing again. She then runs for $4500cm$ before going back home on the exact route she went out on. How far did she travel in total? | 4.29km |  |  |  |
| *Converting imperial to metric measures* |
| **1** | Damon requires 5 pints of blood per week to survive. How much is that in litres? | 2.845 litres |  |  |  |
| **2** | Damon has heard that there’s some “fresh meat” 12 miles away. How far is that in kilometres? | 19.2km |  |  |  |
| **3** | Damon feasted on blood this week and gained 6 pounds. How much is that in grams? | 2724g |  |  |  |