|  |  |  |  |
| --- | --- | --- | --- |
| **Weight conversion** | | **Temperature Conversion** | |
| 1 kg or (kilogram) X 2.2 lb. (pounds) = lbs.  If an infant weighs 4.09 kg, their weight in lb. is:  4.09kg X 2.2lb = 8.998 or 9lbs | 1 lbs. ÷ 2.2 = kilograms  If an infant weighs 10 lbs., how much is that in kg?  10 lbs. ÷ 2.2 =4.54kg | To convert Fahrenheit (F) to Celsius (C), use:  **C=(F-32)5/9**  Mary’s temp is 101°F and your sister wants to know what that would be in Celsius (C)?   * C=(101-32)5/9 * (101-32=69X5/9=   345/9=38.3 C | To convert Celsius (C) to Fahrenheit (F), use:  **F=(C)9/5 +32**  Your sister took your nephew to the Dr. and the nurse told her the baby’s temp is 38C. You tell her the baby’s temp is in Fahrenheit (F)?   * F=(38C)X9=342/5=68.4 +32= 100.4°F |
| \*\*Also 1 pound = 16 ounces | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Work the math…** | | | | | | |
| 1. 12 lbs. = \_\_\_\_\_\_\_\_\_\_\_\_\_kg 2. 120 lbs. = \_\_\_\_\_\_\_\_\_\_\_\_kg 3. 15 kg = \_\_\_\_\_\_\_\_\_\_\_\_\_lbs. 4. 70 kg = \_\_\_\_\_\_\_\_\_\_\_\_\_lbs. | | 5. If an infant weighed 10 lbs. at birth and the doctor needs to know how much the infant weighs in kg, what would you tell him? | | 6. The doctor orders you to give a toddler Amoxil 10mg/cc. The toddler weighs 20 lbs. The dosage is 10 mg/kg. How much would you give the toddler? | | |
| **Check your math…** | | | | | | |
| **Check your math…** | | | | | | |
| 1. 98.6°F=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C | | | 2. 100°C=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_F | | | |
| 3. 100°F=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C | | | 4. 104°F=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C | | | |
| **English Length** | | | **Converting inches to centimeters** | | | |
| 12 inches = 1 foot  3 feet = 1 yard | | | One inch = 2.5 centimeters (cm)   * If a person has a wound that is 10 inches in diameter, how many centimeters (cm) is it?   10 X 2.5cm = 25cm. The wound is 25cm in diameter.   * If a person has a 15cm cut on their arm, could they cover it with a 2-inch band-aid?   15cm/2.5cm = 6 inches No, would need 3 band-aids. | | | |
| 1. 1 foot = \_\_\_\_\_\_\_\_\_\_\_ inches | 2. 1 yard = \_\_\_\_\_\_\_\_\_\_\_ feet | | 1. 12 inches =  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm | | 2. 6 inches =  \_\_\_\_\_\_\_\_\_\_\_\_\_ cm | 3. 1 yard =  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm |
| 3. 1 yard = \_\_\_\_\_\_\_\_\_\_ inches | 4. 18 inches = \_\_\_\_\_\_\_\_\_\_ feet | | 4. 10 cm =  \_\_\_\_\_\_\_\_\_\_inches | | 5. 100 cm =  \_\_\_\_\_\_\_\_\_\_ inches | 6. 45 cm =  \_\_\_\_\_\_\_\_\_\_ inches |

**Practice:**

1. 11 KG = \_\_\_\_\_\_\_\_\_\_\_\_LBS
2. 20 KG = \_\_\_\_\_\_\_\_\_\_\_\_LBS
3. 8 KG = \_\_\_\_\_\_\_\_\_\_\_\_\_\_LBS
4. 80 KG = \_\_\_\_\_\_\_\_\_\_\_\_LBS
5. 100 KG = \_\_\_\_\_\_\_\_\_\_\_LBS
6. 55 LBS = \_\_\_\_\_\_\_\_\_\_\_KG
7. 12 LBS = \_\_\_\_\_\_\_\_\_\_\_KG
8. 200 LBS = \_\_\_\_\_\_\_\_\_\_KG
9. 98.6F = \_\_\_\_\_\_\_\_\_\_\_\_\_C
10. 41F = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C
11. 73F = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C
12. 104F = \_\_\_\_\_\_\_\_\_\_\_\_\_\_C
13. 20C = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_F
14. 63C = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_F
15. 39C = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_F
16. 52 CM = \_\_\_\_\_\_\_\_\_\_\_\_IN
17. 100 CM = \_\_\_\_\_\_\_\_\_\_\_IN
18. 5 CM = \_\_\_\_\_\_\_\_\_\_\_\_\_\_IN
19. 25 CM = \_\_\_\_\_\_\_\_\_\_\_\_IN
20. 1 IN = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CM
21. 6 IN = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CM
22. 25 IN = \_\_\_\_\_\_\_\_\_\_\_\_\_\_CM
23. 1 IN + 3 IN + 7 IN = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CM