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- 1) A liquid that weigh 0.168kg requires 2.750kcal of heat to raise the temperature to 74C from 26C, what is the specific heat.
- 2) If the recommended dosage of a drug is 445mg for a 180lbs person, what would it be for a 135lb person.
- 3) Convert 13.85 m to mm
- 4) Convert 40C to F
- 5) 660K to F
- 6) 821F to K
- 7) What volume of mercury (density 13.6g/cm³) will have 0.0375kg?
- 8) The density of bromine is 3.10g/ml. What will be the mass of 250ml of it?
- 9) A piece of iron has a volume of 150.0ml and has a mass of 1.17kg. What is density?
- 10) How many joules are required to change 125g Mg from 300K to 650K? Heat capacity of Mg is 1.02J/gK
- 11) How much heat would be required to change the temperature of 150g water from 25C to 75C?
- 12) Convert 165.3dg to mg
- 13) Convert 938 mg to cg
- 14) Convert 0.31 kg to cg
- 15) Convert 124.0 mg to dg
- 16) Conver 3.89 lbs to g
- 17) Convert 2450g to kg
- 18) Convert 182ml to L
- 19) Convert 22.9 cm³ to L
- 20) 2.5901 L to ml
- 21) Convert 14.3 L to qts
- 22) Convert 3.67dm to cm
- 23) Convert 14.3m to dm
- 24) Convert 113in to cm
- 25) Convert 34.4mm to m
- 26) Convert 23.896cm to km