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web example a pediatrician orders a dose of 15 mg of a drug per kilogram of body weight 15 mg kg 15 mg of drug 300 mg of drug should be given as the dose 20 kg weight x 1 kg 2 calculate volume tablets solution using a standard pharmaceutical math calculation such as desired over have multiplied by quantity or ratio and proportion see

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web dec 3 2016 example 1 a child is prescribed erythromycin the recommended dosage is 40 mg kg day 4 doses daily if the child s weight is 15 kg calculate the size of a single dose 15 kg 40 mg kg day 600 mg day then 600 mg 4 doses 150 mg dose calculating a single dose based on body weight example 2 a child is to be given ampicillin

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web 1g 1000mg 1mg 1000mcg therefore to convert grams to milligrams you multiply by 1000 milligrams to micrograms multiply by 1000 conversely to change from micrograms to milligrams divide by 1000 and milligrams to grams divide by 1000 thus to multiply by 1000 the decimal point must be moved 3 places to the right example

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