

Date:
Science

Name: _____
Class: _____

Metric Mass Conversions



Convert the following Metric mass units. Do not forget your UNITS!

To convert metric units remember: **K**ing **H**enry **D**a-ied **B**y **D**rinking **C**hocolate **M**ilk

_____→
k h da b d c m

←_____

Use the chart to decide what your “1” will look like and then multiply by that “1”

How many?

- | | | | |
|----|----------------------|----|-----------------------|
| 1 | 3 kg x = _____ g | 16 | 5000 g x = _____ dg |
| 2 | 3 hg x = _____ g | 17 | 5000 g x = _____ cg |
| 3 | 3 dag x = _____ g | 18 | 5000 g x = _____ mg |
| 4 | 3 dg x = _____ g | 19 | 0.34 kg x = _____ cg |
| 5 | 3 cg x = _____ g | 20 | 8.2 hg x = _____ g |
| 6 | 3 mg x = _____ g | 21 | 9.01 cg x = _____ dag |
| 7 | 0.5 kg x = _____ g | 22 | 23.5 mg x = _____ cg |
| 8 | 0.5 hg x = _____ g | 23 | 1.45 dag x = _____ kg |
| 9 | 0.5 dag x = _____ g | 24 | 4000 dg x = _____ g |
| 10 | 0.5 dg x = _____ g | 25 | 45 g x = _____ mg |
| 11 | 0.5 cg x = _____ g | 26 | 9.67 hg x = _____ dag |
| 12 | 0.5 mg x = _____ g | 27 | 123.5 dg x = _____ mg |
| 13 | 5000 g x = _____ kg | 28 | 0.06 kg x = _____ hg |
| 14 | 5000 g x = _____ hg | 29 | 99.3 mg x = _____ kg |
| 15 | 5000 g x = _____ dag | 30 | 5.7 mg x = _____ g |