



## Unit Conversion - Worksheet Answers

### Answer 1:

Convert the units to kilo(units):

No.	Units	Converted to kilo
1	16mg	0.000016 kg
2	74ml	0.000074 kl
3	450 $\mu$ g	0.00000045 kg
4	195g	0.195 kg
5	235mm	0.000235 km

### Answer 2:

Convert the units to milli(units):

No.	Units	Converted to milli
1	28g	28000 mg
2	960 $\mu$ l	0.96 ml
3	13 $\mu$ g	0.013 mg
4	296m	296000mm
5	39km	39000000mm

### Answer 3:

$$0.12 \text{ g} = 0.12 \times 1000 = 120 \text{ mg}$$

So the solution is 120mg/2 ml

The order is 9mg

$$\begin{aligned} \text{Hence,} & \quad 9 \text{ mg} \\ \text{Dose=} & \quad \frac{\quad}{120 \text{ mg}} \quad \times 2 \text{ ml} \\ & \quad = 0.15 \text{ ml} \end{aligned}$$