

GRADE 10 ESSENTIAL
UNIT C – MEASUREMENT
CONVERT METRIC MEASURES

MrF

Name: _____

Date Submitted: _____

Convert the metric measure to the indicated metric measure using the method of proportions.

Show work! Use a calculator! Use table of conversions *if* necessary.

Example: Convert 4.23 km into metres

$$\frac{1000 \text{ m}}{1 \text{ km}} = \frac{x \text{ m}}{4.23 \text{ km}} \text{ so } \frac{1000 \cdot 4.23}{1} = x = 4,230 \text{ m}$$

a. 2 km = _____ m

b. 3.7 km = _____ m

c. 4.2 kg = _____ g

d. 35 kbytes = _____ bytes

e. 4720 m = _____ km

f. 0.556 m = _____ km

g. 7230 g = _____ kg

h. 400 cm = _____ m

i. 72 cm = _____ m

j. 4.2 m = _____ cm

k. 79 cL = _____ L

l. 4920 ml = _____ L

m. 43 cm = _____ mm

n. 628 mm = _____ cm

o. 12.365 km = _____ cm

p. You invent one: