

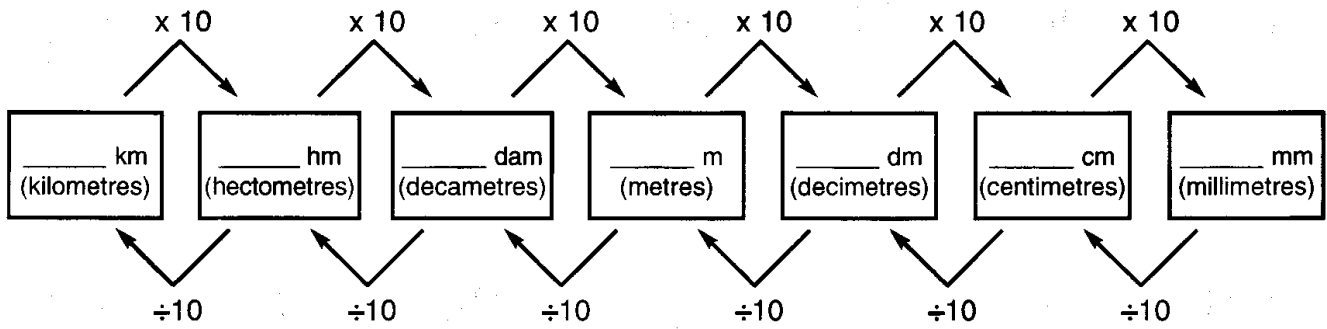
Name: \_\_\_\_\_

## Unit 2 - Measurement Mid-Unit Review

A. Complete the table below.

<b>Abbreviation</b>	<b>Name</b>	<b>Amount</b>
dg		
	hectolitre	
mℓ		
	centigram	
		1000 ℓ
km		
	millimetre	
		0.1 ℓ
	kilogram	
		100 g
dag		
		10 m
	decimetre	
hm		
		0.001 g
	decalitre	
cℓ		
		0.01 m

B. Use the following chart to help with your conversions of distance units.



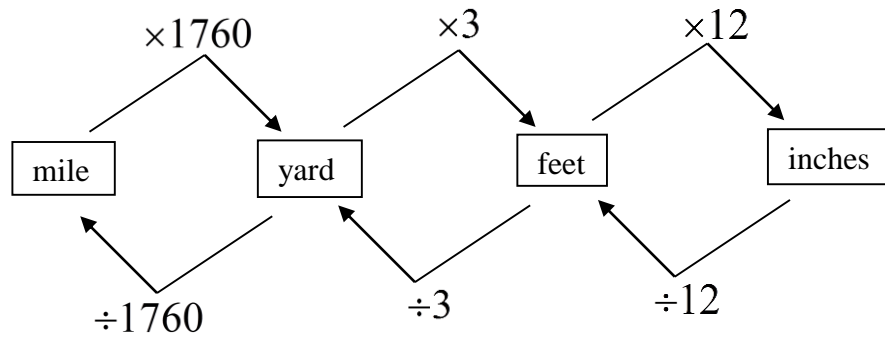
- a) 12.9 km = \_\_\_\_\_ m
- b) 0.004 hm = \_\_\_\_\_ mm
- c) 312 cm = \_\_\_\_\_ dam
- d) 40 m = \_\_\_\_\_ dm
- e) 1.03 dam = \_\_\_\_\_ cm
- f) 0.09 mm = \_\_\_\_\_ m
- g) 500 dam = \_\_\_\_\_ mm
- h) 10.9 hm = \_\_\_\_\_ km
- i) 37 000 dm = \_\_\_\_\_ dam
- k) 0.003 m = \_\_\_\_\_ hm

C. Use the chart below to perform the following conversions.

k	h	da	m g ℓ	d	c	m
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- a) 1.2 kℓ = \_\_\_\_\_ ℓ
- b) 105 cg = \_\_\_\_\_ dag
- c) 0.1 mm = \_\_\_\_\_ hm
- d) 300 g = \_\_\_\_\_ dg
- e) 90.7 km = \_\_\_\_\_ dam
- e) 20 daℓ = \_\_\_\_\_ ℓ
- f) 2000 cm = \_\_\_\_\_ m
- g) 8.2 hℓ = \_\_\_\_\_ cℓ
- h) 355 mg = \_\_\_\_\_ hg
- i) 0.52 dℓ = \_\_\_\_\_ hℓ

D. Convert the following imperial units. Leave all answers in **TWO** decimals when necessary. Show the steps you used to make the conversion. Use the diagram below to aid in the conversions.



1. 512 in = \_\_\_\_\_ yd

7. 10.2 ft = \_\_\_\_\_ in

2. 5600 ft = \_\_\_\_\_ mi

8. 0.57 mi = \_\_\_\_\_ ft

3. 27.2 yd = \_\_\_\_\_ ft

9. 115 in = \_\_\_\_\_ ft

4. 3.7 mi = \_\_\_\_\_ yd

10. 5047 yd = \_\_\_\_\_ mi

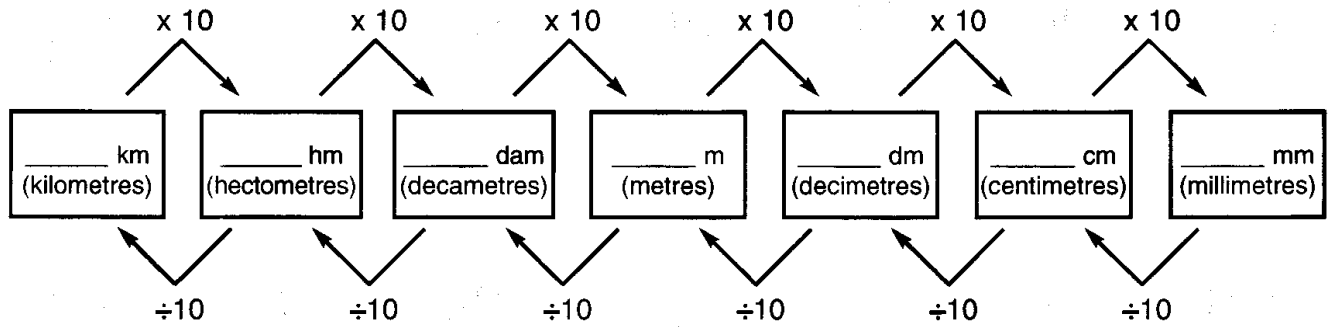
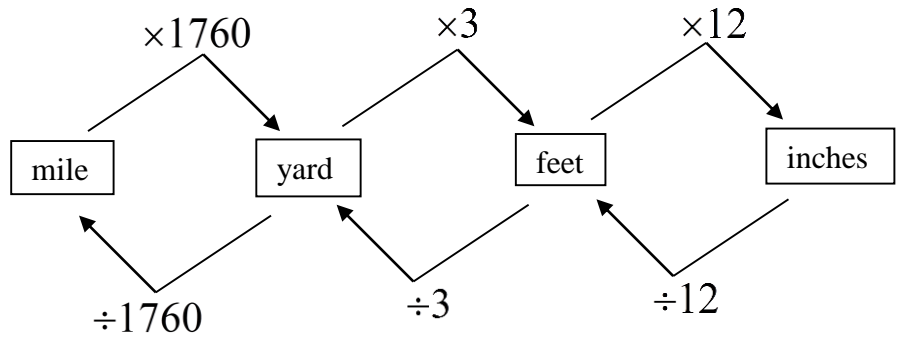
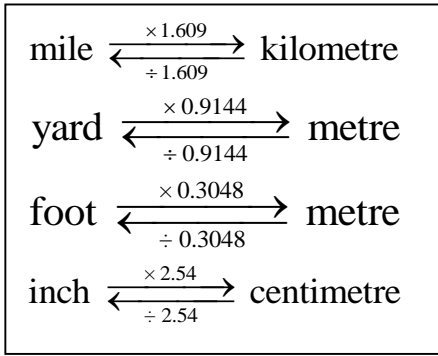
5. 4.3 yd = \_\_\_\_\_ in

11. 250 ft = \_\_\_\_\_ yd

6. 10 000 in = \_\_\_\_\_ mi

12. 0.28 mi = \_\_\_\_\_ in

E. Use your conversion charts to help answer the questions. Leave **ALL** answers in two decimals.



1. 9.2 km = \_\_\_\_\_ mi

6. 17 m = \_\_\_\_\_ ft

2. 10 ft = \_\_\_\_\_ m

7. 98 cm = \_\_\_\_\_ in

3. 15 m = \_\_\_\_\_ yd

8. 3.6 mi = \_\_\_\_\_ km

4. 22 in = \_\_\_\_\_ cm

9. 40 dam = \_\_\_\_\_ yd

5. 2.9 yd = \_\_\_\_\_ m

10. 8 ft = \_\_\_\_\_ mm