

# 8.1 Distance in Metric System

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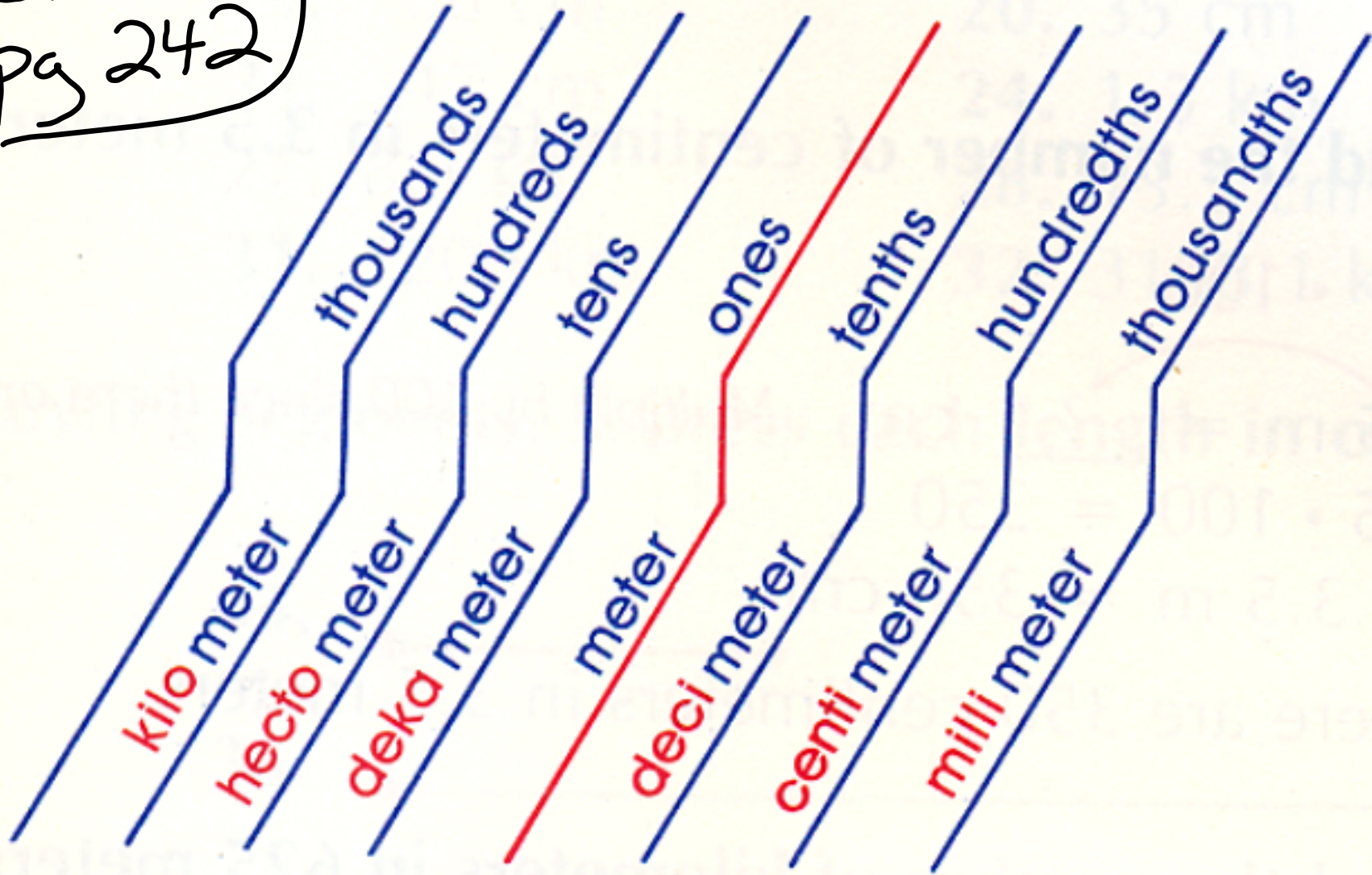
May 11, 2007

- Standard unit: a basic  
measurement that everyone  
agrees upon.

meters  
grams  
liters

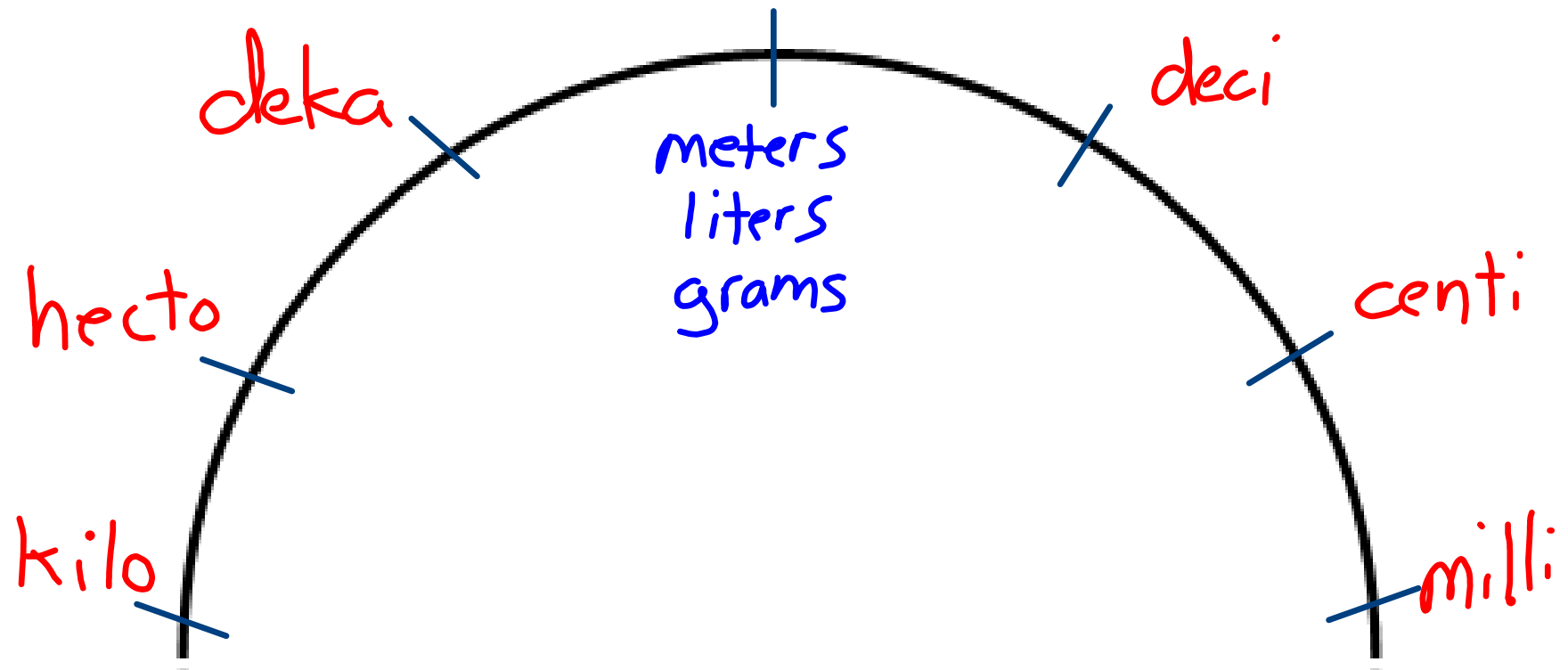
Chart  
Pg 242

# Place Values



# Metric Units

# The Meter Wheel !! 😊



$$8 \text{ km} = \underline{8000} \text{ m}$$

$$4200 \text{ mm} = \underline{4.2} \text{ m}$$

$$317 \text{ cm} = \underline{3.17} \text{ m}$$

$$3.4 \text{ cm} = \underline{34} \text{ mm}$$

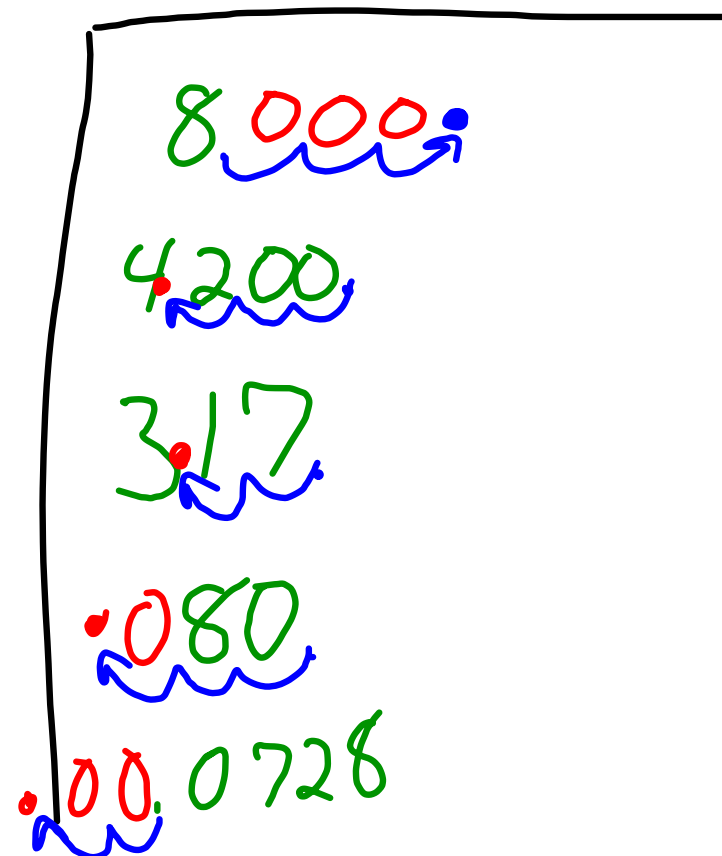
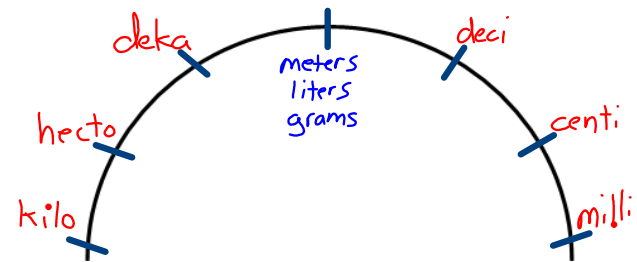
$$2.4 \text{ km} = \underline{2400} \text{ m}$$

$$80 \text{ m} = \underline{.08} \text{ km}$$

$$2.3 \text{ km} = \underline{23000} \text{ cm}$$

$$0.3 \text{ km} = \underline{300} \text{ m}$$

$$0.0728 \text{ cm} = \underline{.000728} \text{ m}$$



O.T.L.

① Pg 245: 55-65 odd

② from Challenge: 1, 3, 5, 7-12 all