

Unit 7 – Measurement HW list

Tentative TEST date _____



Big idea/Learning Goals

In the past people used their hands and feet to measure things. The common cubit was the length of the forearm from the elbow to the tip of the middle finger. It was divided into the span of the hand when spread (one-half cubit), the palm or width of the hand (one sixth), and the digit or width of the middle finger (one twenty-fourth). The inch, foot, and yard evolved from these units in Egypt then the Greeks and Romans inherited the system. The Romans also introduced the mille passus (1000 paces) or double steps. This system has complicated conversion numbers that everyone has to memorize. Thus metric system was developed in which conversions are done in multiples of 10.

In this unit you will learn how to measure with inches. You need to understand fractions in order to be good at this. You will then learn how to convert inches to centimeters and do other type of conversions. This unit also encompasses the study of different shapes. You will practice using formulas to figure out surface area and volume of different figures like prisms, cones and cylinders.

When to cross multiply and when to multiply top with top and bottom with bottom?

$$\frac{x}{4} = \frac{5}{2} \qquad \frac{10x}{16} \times \frac{32}{5}$$

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca to get missed examples in the Survival Guide.



Success Criteria

Date	DAY	Topics	Done?	Corrected?
	1	Measuring & Converting Between Units		
	2	More Measuring & Converting Between Units		
	3	Drawing Nets		
	4	Surface Area & Volume		
	5	Applications		
	6	Practice Test		



Reflect – previous TEST mark _____, Overall mark now _____.

Calculate your potential final mark to see how averages work. Show your calculations here:

<p>potential final mark = (overall mark now)(weight so far) + (future marks)(weight to come)</p> <p>= ()() + ()()</p> <p>=</p>
--

Were you able to attain your set goal before? Looking back, what else can you improve upon? Be specific in your planning.
