Quiz Debrief

Grade 11 Essential

Week 5

21-12-08





GRADE 11 ESSENTIAL QUIZ WEEK 5

Name:	
Date:	

5 Standard

Instructions: These are the general instructions you will have for all quizzes, tests, and the final exam.

- You are <u>always allowed</u> a single page double-sided 8.5" X 11" 'cheat sheet' for all quizzes, tests, & the final exam
- Round decimal answers to nearest 0.01 or as indicated ,
- Show Units
- Show work for best mark. No marks for just an answer!
 It ensures you are following correct steps
 It enables teacher to give part marks knowing you understand the idea
 - It enables you to go back and readily check calculations
- Each individual question is worth two marks

 Determine the Surface Area and the Volume of the triangular prism.

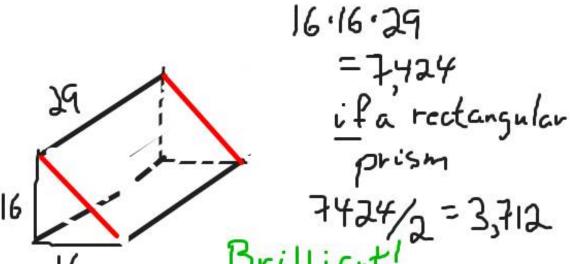
SA

Exact same, question as last week Base shape is a triangle. It's area is 1/2 by ho Vol = (1/2. po. ha). presm = 12.16cm.16cm. 29 cm (3,712 cm3)

 Determine the Surface Area and the Volume of the triangular prism.

b. VOL:_____

A couple students invented there own way to find the volume!



Exact same question as last week Base shape is a triangle. It's area is 1/2 by ho Vol = (1/2. po. ha). presm = 12.16cm.16cm. 29 cm

Solve for x:

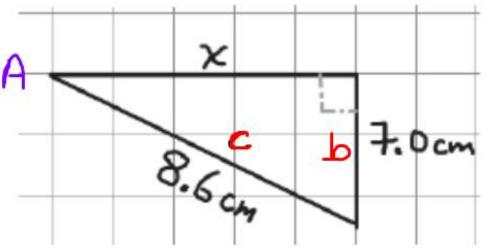
a.
$$\frac{5}{8} = \frac{x}{20}$$

$$\frac{5.20}{8} = \times$$
 Check? $\sqrt{8} = 0.625$
 $\sqrt{8} = 12.5$ $|2.5 = 0.625$

c. If 6 bannock cost \$9.48, determine how much 10 bannock will

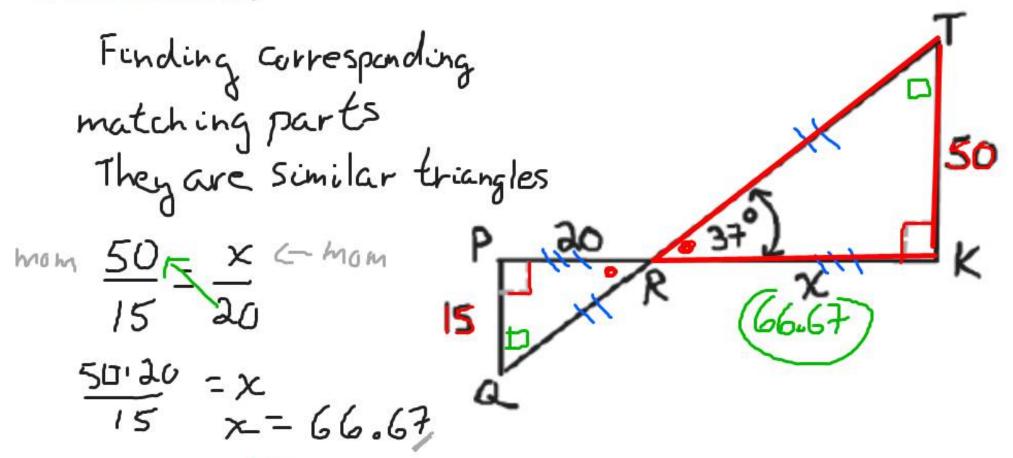
3. Determine length x:

0.01



Determine length x and the measure of angle T (m∠T)

(caution: figure not drawn to exact proportion; protractors, rulers, eyeballs may not give reliable answer. Use the laws!)



- a. Length x: 66,67 units
- b. Angle T: $(53^{\circ}) \circ \leftarrow T_{180} = 53^{\circ}$

- Triangle Sum theorem. Interior angles Sum to 1800

BONUS QUESTION (2 marks if you need them)

Problem Solve. Teacher sends a student to the store with \$44 to buy 20 Donuts. The donuts must either be Chocolate or Maple. Chocolate donuts cost \$2.00 each, maple donuts cost \$3.00 each. If the student must spend all \$44, determine how many of each donut are bought.

Show work of course Hof Hof Hof Chac Maple Donats Cost 16.7+4.3 = 844

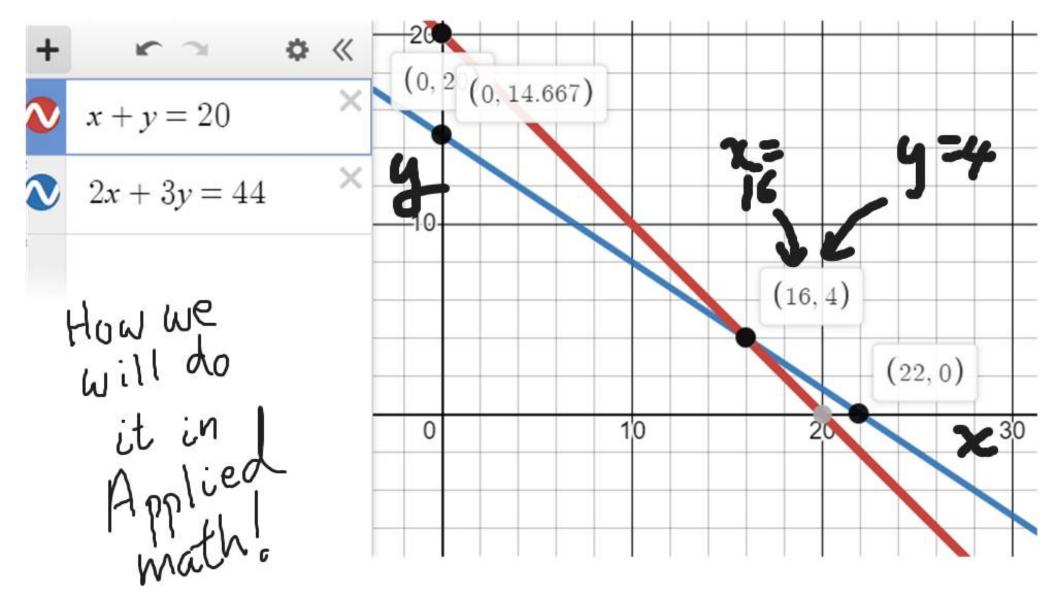
The students buys 16 chocolate and 4 maple

$$10 \cdot 2 + 10 \cdot 3 = 50$$
 $15 \cdot 2 + 5 \cdot 3 = 45$
 $16 \cdot 2 + 4 \cdot 3 = 44$

A multi - line display calculator helps too

Algebra
$$x = \# choc$$
 $52 \cdot x + 53 \cdot (20 - x) = 544$
 $2x + 60 - 3x = 44$
 $-1x = -16$
 $x = 16$
 $x = 16$

Pre-calculus if you care





Which?



LOAD CLEAR



Determined to deliver baby!