Objective: Review solving problems with proportions.

Proportions

Pick up this week's HW packet: WRITE YOUR NAME ON IT!!

agenda

2nd: Finish Test

Warm-Up

Notes:

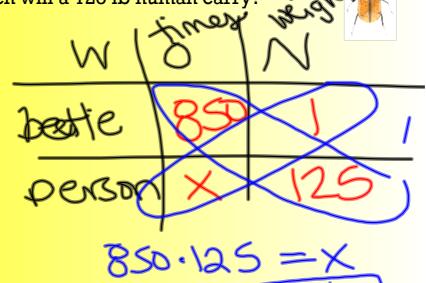
Proportions p. 15&16

Homework ALL

Progress Reports
DUE Friday

Warm-Up (Monday)

A one-pound Hercules beetle is said to be the strongest creature on earth for its size, able to carry 850 times its own body weight. If humans can carry the same amount proportionally, how much will a 125 lb human carry?

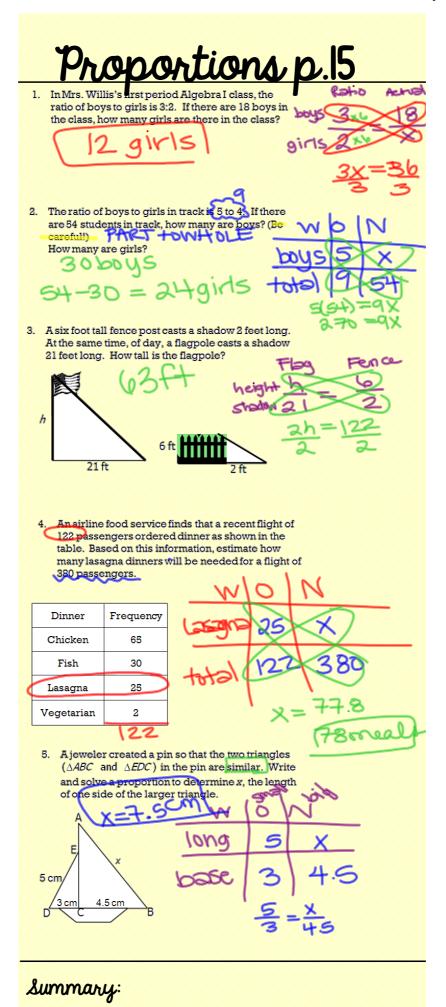


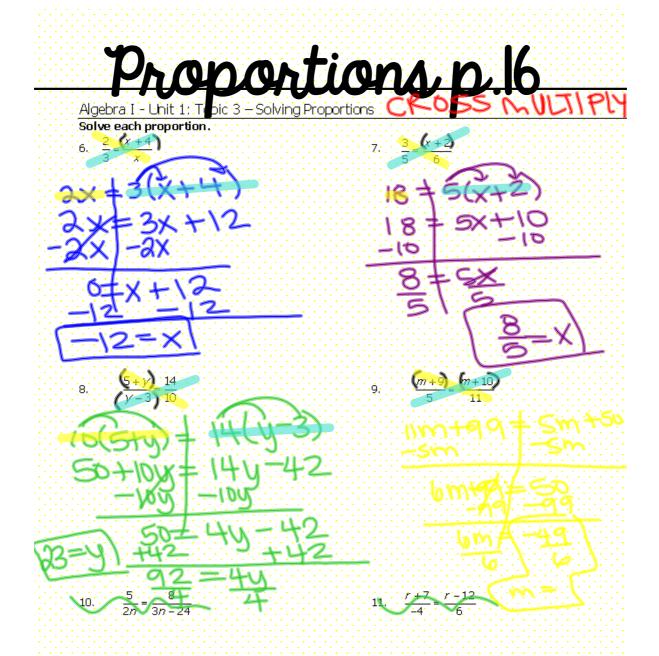
1

2nd period: You have



minutes to finish the test. When you are done, get your notebook out and be ready to take notes. I will (hopefully) have your progress reports by tomorrow, with test grades.





Progress Reports Due (signed) by Friday for a free homework grade.

	Eman, Sara, KOTOLKOWIQ/TICHARUSOH, KTZ.LX. US			
Туре	⊃ate	Max.	Weight	Grade
Homework & Daily Work	08/30/13	100	1	100
Homework & Daily Work	08/30/13	100	1	100
Homework & Daily Work	08/30/13	100	1	70
Homework & Daily Work	09/06/13	3	1	3
Homework & Daily Work	09/06/13	100	3	100
Homework & Daily Work	09/13/13	4	1	4
Homework & Daily Work	09/13/13	100	3	95
Quizzes	09/06/13	100	1	83
Tests	09/13/13	100	1	9
Tests	09/13/13	100	1	56
	Homework & Daily Work Guizzes Tests	Type Sate Homework & Daily Work 08/30/13 Homework & Daily Work 08/30/13 Homework & Daily Work 08/30/13 Homework & Daily Work 09/06/13 Homework & Daily Work 09/06/13 Homework & Daily Work 09/13/13 Homework & Daily Work 09/13/13 Guizzes 09/06/13 Tests 09/13/13	Type	Type

* NOTE: Secondary Only - There is a 30 point grade penalty on any work due during truancy

Comments

Assessment Type Weight Grade Homework & Daily Work Quizzes 83 Overall Grade

Unit 1 Test 1 Correction Tutoring Times

(AM/PM only, No Lunches_SORRY) AM: 8:15-9:00AM PM: 4:15-5:00PM

Monday	Tuesday	Wednesday	Thursday	Friday
16	17	18	19	20
NONE	PM ONLY	AM PM	AM ONLY	AM ONLY
23	24	25	26	27
PM ONLY	AM PM	PM ONLY	NONE	AM ONLY

Anyone may sign up for test correction tutorials, but If the grade on your progress report is failing, you MUST sign up. Please note that if no one signs up for a certain day/time, then tutoring will be canceled. Also note that if you do not show up at the time you signed up for, your parents will be contacted and further disciplinary actions may be taken. Do not waste my time!!

Algebra I - Unit 1: Topic 3 - Solving Proportions

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pp 114-120

Practice - Solving Proportions

Name ______

Date ______ Pe

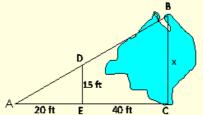
Per PP 114-12

Solve each proportion.

1.
$$\frac{t-5}{4} = \frac{3}{2}$$

$$2. \qquad \frac{1}{y-3} = \frac{3}{y-5}$$

3. Triangle ABC is similar to Triangle ADE. What is, x, the distance across the lake from Point B to Point C?



4. A museum has scale models representing different time periods in history. A scale in which one inch in the model represents two feet is used to construct the models. The museum's sculptor wants to build a model of an 21-foot-tall tree for one of the exhibits. How tall should she make the model of the tree?



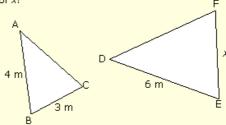
5. STOP MART received a delivery of 1080 bottles of Coke and Diet Coke. If the ratio of Coke delivered to Diet Coke delivered was 6:3, how many bottles of Diet Coke were delivered?

6.
$$\frac{6p-2}{7} = \frac{5p+7}{8}$$

7.
$$\frac{a-3}{8} = \frac{3}{4}$$

Algebra I - Unit 1: Topic 3 - Solving Proportions

8. Triangle ABC is similar to Triangle DEF. What is the value of X?



- 9. Marlene can walk $2\frac{1}{2}$ miles in 40 minutes. Determine how far she can walk in one hour.
 - B. Marlene increases her rate to 3 miles in 40 minutes. At this current rate, how far will she walk in one hour?
- 10. Vince is making cookies for his Single Survival class. The recipe he is using requires 1 cup of milk for 8 servings. If he wants to make enough cookies for 28 servings, how much milk will Vince need?
- 11. Josh is 1.8 meters tall. On a sunny day, Lenny measured Josh's shadow (3.5 meters) and the shadow of their house at the same time.
 - A. Draw a picture to represent the situation.
 - B. If the length of the house's shadow is 5 times the length of Josh's shadow, how long is the house's shadow?
 - C. What is the height of the house?