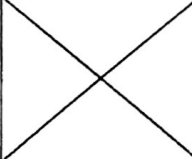
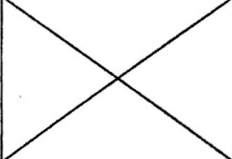



Unit 7 Schedule: Rates, Ratios and Proportions

Date Assigned	Lesson	Objective	HW	HW Due Date	Score	HW Stamp
(B) Mon. Feb 6 (A) Tues. Feb 7	7-1	Rates and Unit Rates	7-1 HW	(B) Wed. Feb 8 (A) Thurs. Feb 9	____/____ ____% = ____	
(B) Wed. Feb 8 (A) Thurs. Feb 9	7-2	Constant Rate of Change	7-2 HW	(B) Fri. Feb 10 (A) Mon. Feb 13	____/____ ____% = ____	
(B) Fri. Feb 10 (A) Mon. Feb 13	7-3	Proportional and Non-Proportional Relationships	7-3 HW	(B) Tues. Feb 14 (A) Wed. Feb 15	____/____ ____% = ____	
(B) Tues. Feb 14 (A) Wed. Feb 15	7-4	Tables, Graphs, & Equations	7-4 HW	(B) Thur Feb 16 (A) Fri. Feb 17	____/____ ____% = ____	
(B) Thur Feb 16 (A) Fri. Feb 17	7-5	Solving Proportions	7-5 HW	(B) Tues. Feb 21 (A) Wed. Feb 22	____/____ ____% = ____	
(B) Tues. Feb 21 (A) Wed. Feb 22	7-6	Scale Drawings and Scale Factor	7-6 HW	(B) Thur Feb 23 (A) Fri. Feb 24	____/____ ____% = ____	
(B) Thur Feb 23 (A) Fri. Feb 24		REVIEW DAY	U7 Review Sheet	(B) Mon. Feb 27 (A) Tues Feb 28	____/____ ____% = ____	
(B) Mon. Feb 27 (A) Tues Feb 28		TEST DAY				

- Any LATE/ABSENT work MUST be graded before it is turned in.
- Any work turned in AFTER the Unit Test will receive HALF CREDIT.
- Turn in any LATE/ABSENT work by TEST DAY to receive highest credit.
- Visit my website - misspyper.weebly.com. The password is **lehijrmath**

PARENT TEACHER CONFERENCE is Thursday, February 16th 3:30 – 7:30

Unit 7 Quizzes

Date Given	Obj #	Daily Objective	Original Score	Need to Retake?	Passed Qu.
(B) Tues. Feb 14 (A) Wed. Feb 15	7-1,2	Unit Rates and Rates of Change			
(B) Thur Feb 23 (A) Fri. Feb 24	7-3,5,6	Proportions			

QUIZ PRACTICE QUESTIONS: Complete by Quiz Day to receive extra credit!

Unit Rates and Rate of Change Quiz: Answers posted on my website!

Find the rate of change from the data in the table given. Don't forget to label.

1.

Hours (x)	1	2	4
\$ (y)	5	29	77

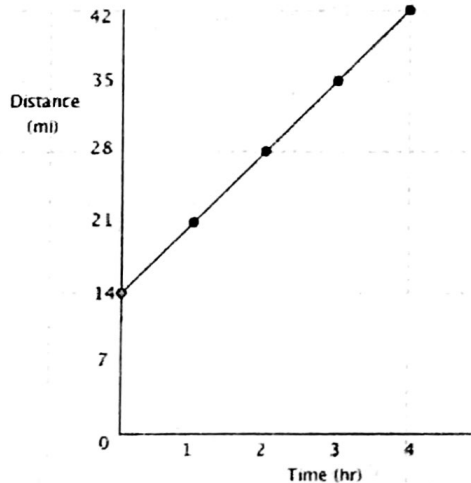
 $\frac{\$24}{1 \text{ hr.}}$

2.

Seconds (x)	2	3	4	6
Feet (y)	22	33	44	66

 $\frac{11 \text{ feet}}{1 \text{ sec.}}$

3. Find the rate of change on the graph. Don't forget to label



$\frac{7 \text{ mi}}{1 \text{ hr}}$

Find each unit rate. Show all work.

Round to the nearest hundredth if necessary.

4. 324 pushups in 6 minutes.

$\frac{54 \text{ pushups}}{1 \text{ minute}}$

5. Watching 56 hours of TV in 3 weeks

$\frac{18.67 \text{ hours}}{1 \text{ week}}$

Proportions Quiz: Answers posted on my website!

State whether each set of ratios is "proportional" or "not proportional" and show why or why not.

Solve the following for the value that will make the two ratios a proportion. Show your work.

1. $\frac{3.2}{5.6} = \frac{24}{40}$

NOT proportional

2. $\frac{16}{7} = \frac{13}{4}$

NOT proportional

3. $\frac{27}{x} = \frac{6}{20}$ $\frac{22}{35} = \frac{y}{21}$

$x = 90$

$y = 13.2$

Set up a proportion and solve. (Don't forget to label your answer)

5. You put 5 gallons of gas in your car for \$12.40

How much would it cost for 13 gallons?

$\$32.24$