

Name:

Math Homework: Unit 3 Week 4

7th

	Tuesday	Wednesday	Thursday
1.	A TV production warehouse can assemble 120 TV's in 4 hours. How long does it take to make one TV?	Luisa sells stuffed animals. She sells a stuffed elephant for \$34.90, and the sales tax is 6% of the sale price. About how much is the sales tax on the elephant?	What is 45% of 748?
2.	40% of 20 is what number?	The Ace Motor Co. can assemble 14 cars in 35 minutes at its factory. How many cars can they assemble in 5 hours?	Ashley bought 6 yds of ribbon for \$5.28. What ratio is proportional to this? A) $\frac{\$1.36}{2 \text{ yards}}$ C) $\frac{\$2.64}{3 \text{ yards}}$ B) $\frac{\$1.92}{3 \text{ yards}}$ D) $\frac{\$3.25}{4 \text{ yards}}$
3.	6 is 8% of what number?	Your bill is \$42.00 and you tip 15%. What was the amount you left for a tip?	Your bill was \$65 and you left a 20% tip. What is your total cost now including your tip?
4.	12 is what percent of 400?	Your bill is \$45.50 and the tax on your item is 7%. What is the amount you are taxed?	Find the unit rate. You type 436 words in 4 minutes.
5.	Solve the proportional equation below: $\frac{7}{5} = \frac{a}{8}$	Solve the proportional equation below: $\frac{3}{8} = \frac{9}{b}$	Solve the proportional equation below: $\frac{20}{8} = \frac{b}{10}$
6.	What number is 52% of 500?	A dessert recipe calls for $2\frac{1}{2}$ cups of milk and makes 5 servings. How many cups of milk are needed for 8 servings?	Which is cheaper? 20% off the original price of \$19.99 or 10% off its original price of \$17 for a book?