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Name:	Date:
Algebra I	
<u>Directions</u> : Solve each word problem. Include answer as a sentence.	de a let statement, chart, and work to solve. Write your
1. Two trains leave Sillyville station at 10an traveling west at 95 mph. At what time will t	n. One train in traveling east at 80 mph and the other is the two trains be 525 miles apart?
	ch at a rate of 5mph. An hour later, Jerry leaves their house of 10 mph. How long will it take Jerry to catch up to Tom?
	e of 40mph. She drives home at a rate of 60 mph. If the total her each way? How far does she live from New York City?

4. Two trains are 581 miles apart, heading towards each other. One train is traveling at 78 mph while the other is traveling at a rate of 88 mph. How long until the two trains meet?
5. Two cars are 360 miles apart. One car is traveling 10mph faster than the other. If they leave at 11am and pass each other at 3pm, how fast was each car traveling?
6. Two planes leave an airport at the same time heading in the same direction. One plane is traveling at
350 mph and the other is traveling at 400mph. How long will it take for the difference between the two planes to be 75 miles?