## **Tom the Tennis Instructor**

Name	Class Period
	ual lessons for \$35 an hour and does team lessons for \$50 per hourly ign up when league play is not going on, so sometimes he has to
1. If Tom only does individual lessons,	write an equation for his total income T working i hours.
a. How much will he make if he w	vorks 30 hours a week? Justify your answer.
b. If he wants to make \$1,500 dol answer.	lars per week, how many hours does he have to work? Justify your
2. If league play is going on, Tom car his total income T for working <i>i indi</i>	n get both individual lessons and team lessons. Write an equation for vidual hours and t team hours.
<ul> <li>a. How much will he make if he w Justify your answer.</li> </ul>	vorks 30 hours of individual lessons and 10 hours of team lessons.
b. If Tom works 30 hours of individ \$2,000 in a week?	ual lessons, how many hours of team lessons would he need to make
	ear just doing 30 hours of individual lessons and 32 weeks doing both ours of individual and 10 hours of team lessons), how much does he