5-2 Solving Systems by Combining (Elimination)



SAT Questions

19. A restaurant has 19 tables that can seat a total of 84 people. Some of the tables seat 4 people and the others seat 5 people. How many tables seat 5 people?

20. A cooler filled with cans of soda weighs 20 pounds.
After three-quarters of the cans of soda have been consumed, the cooler, together with the remaining sodas, weighs 14 pounds. If each can of soda weighs the same, how much does the empty cooler weigh?

21	1. Mike sold a total of 48 sodas at a snack stand. The stand sells					
	only cola and	only cola and root beer. If he sold twice as many colas as root				
	beers, how m	beers, how many root beers did he sell?				
	A. 32	B. 24	C. 18	D. 16	E. 8	

22. Admission to a museum is \$10 for each adult and \$5 for each child. If a group of 30 people pays a total of \$175 in admission, how many adults are in the group?