

Instruction: Do not look at your calendar to solve these problems!

1. December 2009

MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2.
3.
4.
5.
6.
7.
8. If October 1 is a Monday, September 30 is a Sunday. $34 \text{ days} = (4 \text{ weeks of } 7 \text{ days}) + (6 \text{ extra days})$. So we need to count six days back from Sunday. Sun, Sat, Fri, Thur, Wed, Tue. (the answer key was wrong initially. If you would like a point for this problem, please notify a TA).
9. We count back by weeks for seven weeks. Since weeks are 7 days long, $7 \text{ weeks} \times 7 \text{ days} =$
10. Using guessing and checking, we find that the sum of Mondays is $3 + 10 + 17 + 24 = 54$. So the first Monday is the 3rd, and the 1st is then