

NAME _____

DATE _____



Preparing to Race

1 Use an open number line to model and solve each of these problems.

a Jacob woke up at 5:50 a.m. on race day. He got ready in 35 minutes and drove 15 minutes to the event. Will he make it to the race for the 6:45 start time? Explain your thinking.

b During her practice this month, Briana ran one 10K in 1:02:18 and another in 58:49. How much faster was her second 10K practice?

c Trevor needs to be at the starting line by 8:00 a.m. He needs 45 minutes to drive to the event, 20 minutes to eat breakfast, and 15 minutes to shower and dress. What time should he set his alarm so that he is on time for the race?

2 Fill in the ratio tables.

a

Minutes	Seconds
1	60
2	
	120
5	
	600
12	

b

Hours	Minutes
1	60
3	
	360
	420
8	
11	