

LAMC Junior Circle

May 27, 2012

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Problem 1 *It is 5:00 PM in Los Angeles now. Use the globe to answer the following question. What time is it in London, the UK?*

Problem 2 *You are facing the North Pole standing 5 yards away from it, your feet at the opposite sides of the International Date Line. What is the time difference between your left and right foot? Which foot is ahead of the other in time?*

Problem 3 *One side of a compass's pointer is supposed to show North, the opposite – South. Where on Earth would both sides show North?*

Problem 4 *A hunter chasing a bear went 10 miles South, then 10 more miles East, and finally 10 more miles North. The route brought him back to the starting point. What color was the bear?*