Alpert-Raiffa Experiment #2 Spring 2010

1. Email address:

2. First name:

3. Last name:

4. MIT ID

   MIT ID

5. 1a. What is the areas of the United States including Alaska in millions of square miles?

   Assess a 0.25 FRACTILE of US Area in Millions of Square Miles. Entry Format = 2 for 2 Million Square Miles

   US Area 0.25: _____ Millions of Square Miles

6. 1b. What is the area of the United States including Alaska in Millions of Square Miles?

   Assess a 0.75 FRACTILE of US area in Millions of Square Miles. Entry Format = 10 for 10

   US Area 0.75: _____ Millions of Square Miles

7. 2a. What percentage of 5th graders in LA are reading at grade level according to a recent District of LA Education report card?

   Assess a 0.25 FRACTILE of this percentage. Entry Format = 10 for 10%

   Reading Level 0.25: _____

8. 2b. What percentage of 5th graders in LA are reading at grade level according to a recent District of LA Education report card?

   Assess a 0.75 FRACTILE of this percentage. Entry Format = 10 for 10%

   Reading Level 0.75: _____

9. 3a. INTRADE Prediction Markets has a web site where you can bet modest amounts of money on a wide variety of future events--political, economic, sports,....It serves as a "market maker" for betting odds on future events.

Assess a 0.25 fractile of the INTRADE probability (as of Friday) that Democrats will retain a majority in the US Senate after next Tuesday's election.

Entry Format: Enter 0.20 for .20 probability

Democratic Senate Majority 0.25: ☐

10. 3b. INTRADE Prediction Markets has a web site where you can bet modest amounts of money on a wide variety of future events--political, economic, sports,....It serves as a "market maker" for betting odds on future events.

Assess a 0.75 fractile of the INTRADE probability (as of Friday) that Democrats will retain a majority in the US Senate after next Tuesday's election.

Entry Format: Enter 0.20 for .20 probability

Democratic Senate Majority 0.75: ☐

11. 4a. According to a recent WSJ study average starting pay of engineering major college graduates in their first full time jobs out of college is currently about $56,000. What is the average starting pay of English majors in their first full time jobs out of college?

Assess a 0.25 fractile for English major average starting salaries.

Entry Format: Enter 20,000 for $20,000

English Major Starting Salary $ ☐

12. 4b. According to a recent WSJ study average starting pay of engineering major college graduates in their first full time jobs out of college is currently about $56,000. What is the average starting pay of English majors in their first full time jobs out of college?

Assess a 0.75 fractile for English major starting salaries.

Entry Format: Enter 20,000 for $20,000

English Major Starting Salary $ ☐

13. 5a. What is the circumference of the Earth (in miles)?

Assess a 0.25 fractile of the circumference of the Earth.

Entry Format: Enter 1000 for 1,000 miles

Earth's Circumference 0.25: ☐

14. 5b. What is the circumference of the Earth (in miles)?

Assess a 0.75 fractile of the circumference of the Earth.

Entry Format: Enter 1000 for 1,000 miles

Earth's Circumference 0.75: _____

15. 6a. What is the distance from Jupiter to the sun (in millions of miles)?

Assess a 0.75 fractile of the distance from Jupiter to the sun.

Entry Format: 75.00 = 75 million miles

Jupiter 0.75: _____

16. 6b. What is the distance from Jupiter to the sun (in millions of miles)?

Assess a 0.25 fractile of the distance from Jupiter to the sun.

Entry Format: 75.00 = 75 million miles

Jupiter 0.25: _____

17. 7a. What percent of the US population currently resides in cities and suburbs?

Assess a 0.75 fractile of this percentage.

Entry Format: 10 = 10%

Petroleum 0.75: _____

18. 7b. What percent of the US population currently resides in cities and suburbs?

Assess a 0.25 fractile of this percentage.

Entry Format: 10 = 10%

Petroleum 0.25: _____

19. 8a. According to the January 1, 2009 Oil and Gas Journal report, what is the number of proved oil reserves in North America (Canada & US) in billions of barrels?

Assess a 0.75 fractile for the number of billions of barrels of proved oil reserves.

Entry format: 10 for 10 billion barrels

Oil Reserves 0.75: _____

20. 8b. According to the January 1, 2009 Oil and Gas Journal report, what is the number of proved oil reserves in North America (Canada & US) in billions of barrels?

Assess a 0.25 fractile for the number of billions of barrels of proved oil reserves.

Entry format: 10 for 10 billion barrels

Oil Reserves 0.25: _____

21. 9a. There is an emerging concensus among US government and non-government experts on the total number of barrels of oil released into the ocean by the damaged Macondo well in the Gulf of Mexico before it was plugged.

Assess a 0.25 fractile for the number of barrels of oil released

Entry format: 1,000,000 for one million barrels

Barrels of Oil Released 0.25: [   ]

22. 9b. There is an emerging concensus of US government an non-government experts on the total number of barrels of oil released in the ocean by the damaged Macondo well in the Gulf of Mexico before it was successfully plugged.

Assess a 0.75 fractile for the total number of barrels of oil released.

Entry format: 1,000,000 for one million barrels

Oil Released 0.75 [   ]

23. 10a. The most expensive office-building deal in US history took place recently. How big was this deal?

Assess a 0.25 fractile for the US' biggest office-building deal in billions of dollars.

Entry format: 1.0 for One Billion dollars

Office Deal $ in Billions 0.25 [   ]

24. 10b. The most expensive office-building deal in US history took place recently. How big was this deal?

Assess a 0.75 fractile for the US' biggest office-building deal in billions of dollars.

Entry format: 1.0 for One Billion dollars

Office Deal $ In Billions 0.75: [   ]

15.067 Competitive Decision-Making and Negotiation

Spring 2011