

## Petroleum Lab Exercise

1. Top 10 oil producing countries for 2015 (write out the actual numbers).

1. \_\_\_\_\_ produced \_\_\_\_\_ barrels
2. \_\_\_\_\_ produced \_\_\_\_\_ barrels
3. \_\_\_\_\_ produced \_\_\_\_\_ barrels
4. \_\_\_\_\_ produced \_\_\_\_\_ barrels
5. \_\_\_\_\_ produced \_\_\_\_\_ barrels
6. \_\_\_\_\_ produced \_\_\_\_\_ barrels
7. \_\_\_\_\_ produced \_\_\_\_\_ barrels
8. \_\_\_\_\_ produced \_\_\_\_\_ barrels
9. \_\_\_\_\_ produced \_\_\_\_\_ barrels
10. \_\_\_\_\_ produced \_\_\_\_\_ barrels

2. Top 10 oil consuming countries for 2015 (write out the actual numbers).

1. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
2. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
3. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
4. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
5. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
6. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
7. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
8. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
9. \_\_\_\_\_ consumed \_\_\_\_\_ barrels
10. \_\_\_\_\_ consumed \_\_\_\_\_ barrels

3. Percentage of world petroleum consumption used by the U.S. = \_\_\_\_\_ %
- 4a. Barrels of petroleum the U.S. needs to import each day = \_\_\_\_\_ barrels.
- 4b. Barrels produced by the U.S. in 2006 = \_\_\_\_\_ barrels.
- 4c. Barrels consumed by the U.S. in 2006 = \_\_\_\_\_ barrels.
- 4d. Barrels the U.S. needed to import each day in 2006 = \_\_\_\_\_ barrels.
- 5a. Number of barrels of petroleum consumed per day in the U.S. (2015) divided by 328,000,000 = \_\_\_\_\_ barrels per U.S. person per day.
- 5b. Multiply you answer for 5a by the population of China = \_\_\_\_\_ barrels would be needed each day.
- 5c. Multiply you answer for 5a by the population of India = \_\_\_\_\_ barrels would be needed each day.
- 5d. Multiply you answer for 5a by the population of China and India = \_\_\_\_\_ barrels would be needed each day.
- 5e. YES / NO (circle one)
- 5f. How much extra petroleum would be needed each day?  
\_\_\_\_\_ barrels would be needed each day.
- 6a. \_\_\_\_\_ days
- 6b. \_\_\_\_\_ years
- 7a. \_\_\_\_\_ days
- 7b. \_\_\_\_\_ years
8. \_\_\_\_\_
- 2012 production \_\_\_\_\_ barrels
- 2017 production \_\_\_\_\_ barrels