

Name \_\_\_\_\_ Date \_\_\_\_\_  
Real World Math Period \_\_\_\_\_

**Unit 5—Quiz 2 REVIEW**  
**Currency Exchange, Postal Rates, & Time Zones**

**Directions:** Show all your work and if necessary, round to the nearest hundredth.

For questions 1-3, use the table of currency exchange rates to...

- a. calculate how much each item would cost in U.S. dollars  
(If necessary, round to the nearest cent)
- b. determine if it is a rip-off, a reasonable price, or a steal compared to what you spend in the United States.

Euro	Chinese Yuan Renminbi	Saudi Arabian Riyals
.76	7.83	3.75

1. A Playstation 4 game for 80 Chinese Yuan Renminbi

- a.
- b.

2. A meal for 180 Saudi Arabian Riyals

- a.
- b.

3. A pair of jeans for 22 Euros

- a.
- b.

For questions 4 and 5, use the following currency exchange table to...

- a. determine if you were charged the correct amount
- b. if not, what is the difference between the purchase price and how much you were charged (in terms of the Foreign currency)

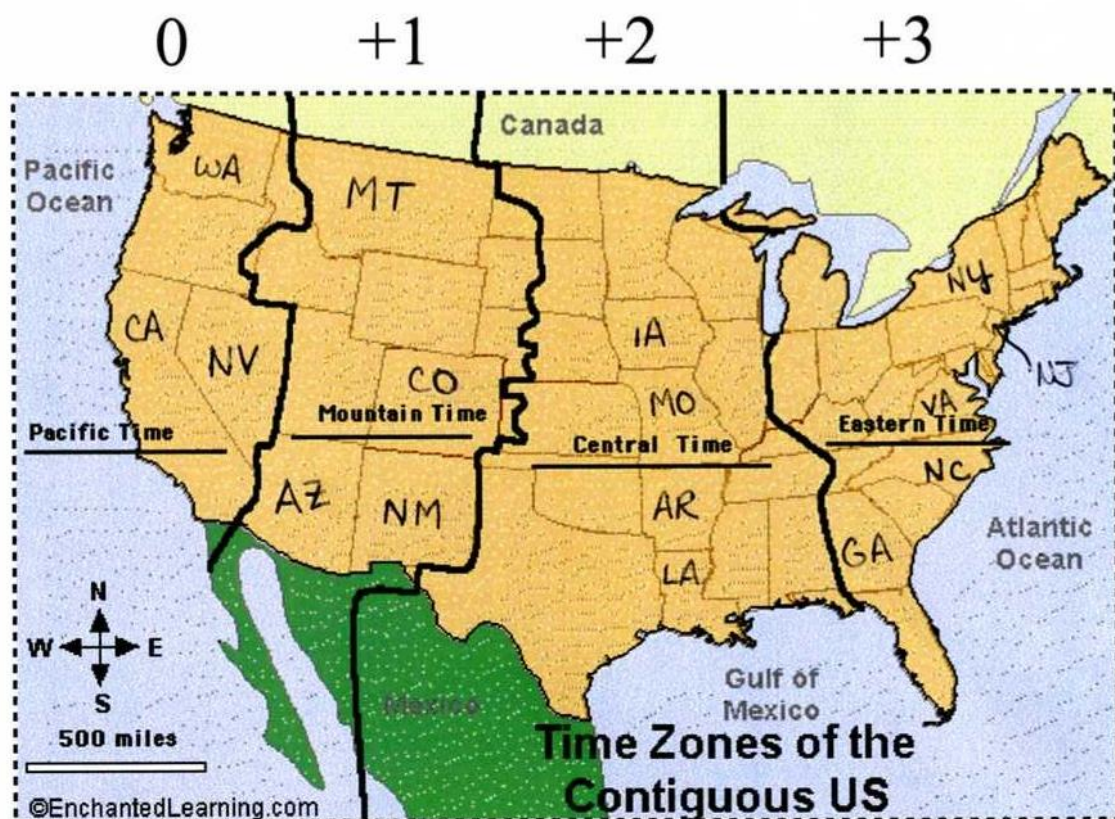
Euro	Chinese Yuan Renminbi	Saudi Arabian Riyals
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4. In Saudi Arabia, your friend said he bought a concert ticket for \$40. You find the theater he recommended and are charged 225 Riyals.
  - a.
  - b.
5. Your travel agent said she found you a hotel in China that costs \$95 per night. When you arrived, they charged you 743.85 Renminbi.
  - a.
  - b.
6. You are serving in the United States Coastguard and often write letters to your family at home. If the cost of mailing a first-class letter is \$0.25 for the first half-ounce, plus \$0.20 for each additional half-ounce, how much would it cost to send home a 3 oz. letter?
7. You are away at college. It's your brother's birthday and you bought him a gift that you have to mail home. The cost of mailing the package is \$2.70 for the first half of a pound and then \$1.12 for each additional half-pound. How much would it cost to mail the 2-pound gift?

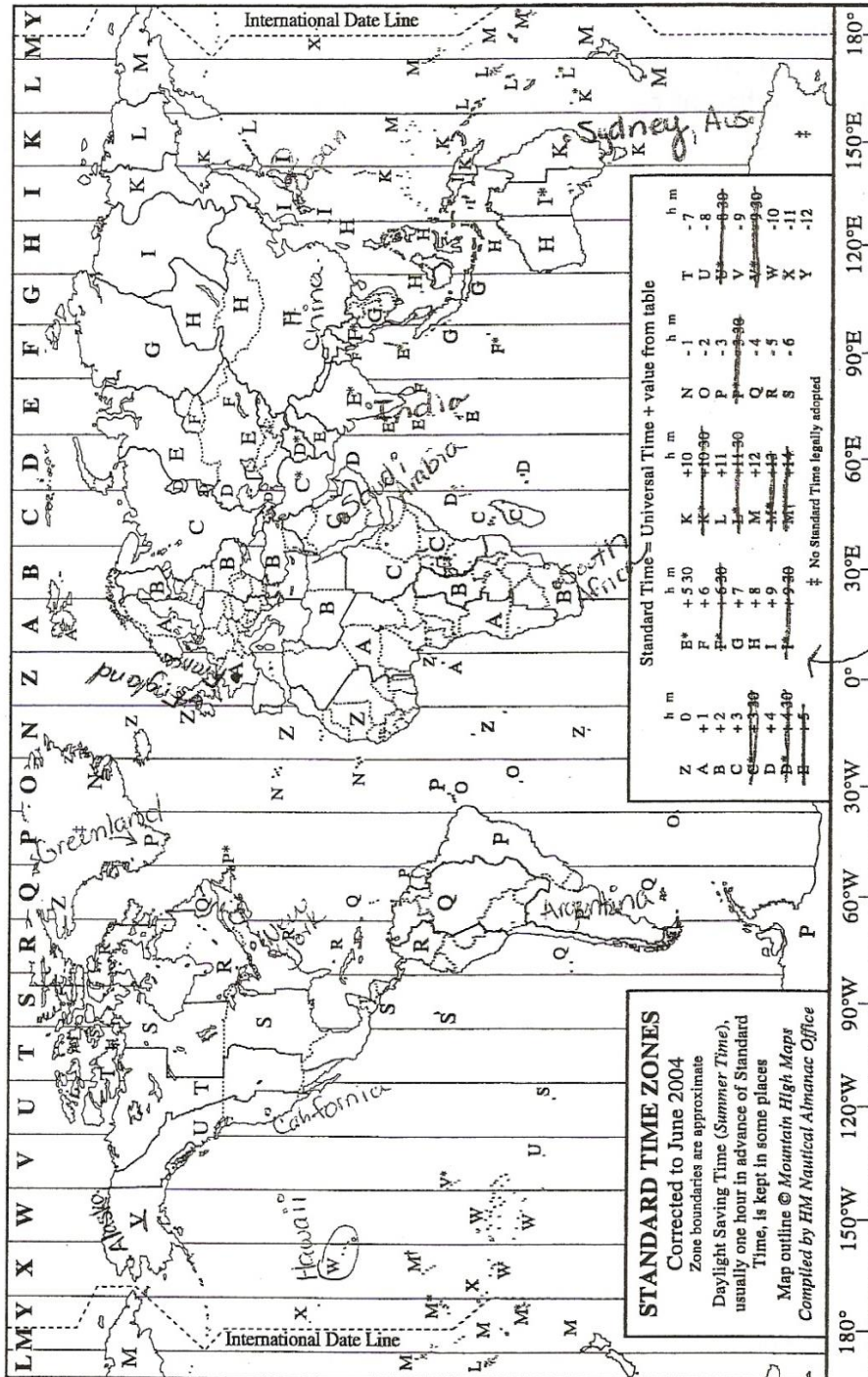
**U.S. & International Time Zones:** Use the first map to answer questions 8-9 and the second map to answer question 10. Don't forget to show your work.

8. Michael found two different flights from his hometown of Albany, NY if they choose to go to New Orleans, LA. Find both arrival times to determine which flight would get them there at an earlier time?
  - a. If the first flight departs at 1:22 pm and lasts 2 hours and 9 minutes, what will the local time be when they reach their destination?
  - b. If the second flight departs at 12:46 pm and lasts 2 hours and 37 minutes, what will the local time be when they reach their destination?
9. Michael only found one return flight from New Orleans at 9:15 pm. If the flight lasts 2 hours 39 minutes, what time should they plan to arrive back home in Albany?
10. One of Michael's friends recommended taking a trip to France. If the flight departs from New York City at 6:32 am and lasts 6 hours 42 minutes, what would the local time be when they reach their destination?

# US Timezone Map



# WORLD MAP OF TIME ZONES



Find the letter closest to each city or country, and look in the table to find the time zone.  
Ex) Hawaii = W = -10 (11 hour China)