

1.4 Review Questions

1. How many feet is 20 miles?
2. How many feet is 20 Km?
3. How many newtons (N) is 150 lbs.?
4. How many seconds is a nanosecond?
5. 150 m = _____ cm
6. How many liters is 50 gallons?
7. How many gallons is 2 liters?
8. How many years is 1010 seconds?
9. How many meters is a Gigamile?
10. Use the following identities to answer a-d.

$$1 \alpha = 5 \beta \quad 1 \beta = 10 \gamma \quad 1 \gamma = 20 \Delta$$

- a. How many α are equal to 100 Δ ?
 - b. How many Δ are equal to 6 β ?
 - c. How many α are equal to 1000 Δ ?
 - d. How many Δ are equal to 1000 β ?
11. 355 mg = _____ Kg
 12. 1 year = _____ hours
 13. 24 hours = _____ seconds
 14. 1 decade = _____ seconds
 15. How many m/s is 60 mph?
 16. How many mph is a speed of 45 m/s?
 17. If the earth is 93,000,000 miles from the sun, how many Km must one go to fly to the sun and back again?