

Enrichment

Unit I

Name: _____

Date: _____

Per. _____

English Conversions

English Units of Measure and Equivalents

Length

- 1 foot (ft) = 12 inches (in)
1 yard (yd) = 3 ft
1 mile (mi) = 5280 ft

Volume

- 1 pint (pt) = 16 fluid ounces (fl oz)
1 quart (qt) = 2 pt
1 gallon (gal) = 4 qt

Weight

- 1 pound (lb) = 16 ounces(oz)
1 ton = 2000 lb

Time

- 1 minute (min) = 60 seconds (s)
1 hour (h) = 60 min
1 day = 24 h

1. 12 mins = _____ secs
2. 144 hours = _____ days
3. 10560 ft = _____ mi
4. 4000 lb = _____ tons
5. 240 secs = _____ mins
6. 1 day = _____ hours
7. 16 oz = _____ lb
8. 660 mins = _____ hours
9. 168 hours = _____ days
10. 11 pt = _____ fl oz
11. 21120 ft = _____ mi
12. 7 qt = _____ pt
13. 11 gal = _____ pt
14. 10 qt = _____ fl oz
15. 20 qt = _____ gal
16. 9 gal = _____ fl oz
17. 128 oz = _____ lb
18. 5 yd = _____ in
19. 6 tons = _____ lb
20. 144 oz = _____ lb
21. 32 qt = _____ gal
22. 3 qt = _____ pt
23. 3 gal = _____ pt
24. 160 oz = _____ lb
25. 14400 secs = _____ hours
26. 8 qt = _____ pt
27. 288 hours = _____ days
28. 9 yd = _____ ft
29. 32000 oz = _____ ton
30. 2 mins = _____ secs

31. 14400 mins = _____ days
32. 5 ft = _____ in
33. 345600 secs = _____ days
34. 12 tons = _____ lb
35. 3 lb = _____ oz
36. 10080 mins = _____ day

Word Problems

1. Amy has two gallons of milk. Paul has 3 quarts of coffee. If Amy and Paul combine the milk and coffee, how many cups of coffee milk will they have?
2. The race is five miles long. How many feet will Brad need to run to finish this race?
3. Coach asked Amy to take 32 cups of water to practice. How many pints should Amy take?
4. UPS charges thirty-two cents per ounce shipped. How much will it cost to ship 19 pounds?
5. Michael has 4 pounds 8 ounces of beef. How many three ounce hamburgers can be made?
6. EdMac Restaurant sold 32 vegetarian burgers today. Each burger includes 2 ounces of tofu. How many pounds of vegetarian burgers did EdMac use today?
7. Bill needs three yards of cloth to make some pants. If the store sells cloth in inches, how many inches should Bill purchase?
8. UPS charges fifteen cents per ounce shipped. How much will it cost to ship 22 pounds?
9. Michael needs two yards of cloth to make some pants. If the store sells cloth in inches, how many inches should Michael purchase?
10. The race is three miles long. How many feet will Bill need to run to finish this race?
11. Paul has 6 pounds 11 ounces of beef. How many six ounce hamburgers can be made?
12. EdMac Restaurant sold 32 vegetarian burgers today. Each burger includes 8 ounces of tofu. How many pounds of vegetarian burgers did EdMac use today?

13. Coach asked Albert to take 64 cups of water to practice. How many pints should Albert take?
14. UPS charges thirty-five cents per ounce shipped. How much will it cost to ship 15 pounds?
15. Potato Pancakes takes 40 minutes to cook. It requires two and one-half pounds of potatoes. How many ounces of potatoes are required?