

Physical Science
Mixed Conversions Worksheet

Name: _____ Block: ____

SHOW YOUR WORK!

1. 200 lbs = ____ kg

2. 7 liters = ____ fluid ounces

3. 21 miles = ____ km

4. 26 hectares = ____ acres (0.4047 hectares = 1 acre)

5. 22 furlongs = ____ miles (8 furlongs = 1 mile)

6. 365 fortnights = _____ years (1 fortnight = 2 weeks, assume 365 days in a year)

7. 5 miles = _____ mm

8. 4.2 gallons of water = _____ pounds of water (1 gallon = 3.785 kilograms of water)

Level 1 - these are tricky; you're going to have to think!!!!

9. 23 fortnights = _____ years (assume 365 days in a year)

10. 30 m/s (meters per second) = _____ mph (miles per hour)

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11. A swimming pool is 8 feet deep, 30 feet wide, and 25 yards long.

a. How many cubic feet of water does it hold?

b. How many gallons does it hold? (7.48 gallons = 1 cubic foot)

c. A pump for filling it runs at 2 liters per minute. How many hours will it take to fill it?

Answers: 1. 90 2. 240 3. 34 4. 64 5. 2.75 6. 14 7. 8,000,000 8. 35 9. 67 12. 18,000 11. 23 ; 135,000; 4250