

Worksheet 6 - Unit Conversions

Convert each of these to the given unit by using unit fractions.

1) $1\frac{1}{2}$ quarts = _____ gallons

2) $1\frac{1}{2}$ pints = _____ quarts

3) $1\frac{1}{2}$ gallons = _____ cups

4) $3\frac{3}{4}$ cups = _____ pints

5) $2\frac{1}{2}$ feet = _____ yards

6) $2\frac{1}{2}$ feet = _____ inches

7) $2\frac{1}{2}$ inches = _____ feet

8) $2\frac{1}{2}$ yards = _____ feet

9) $3\frac{1}{5}$ miles = _____ feet

10) $3\frac{1}{5}$ feet = _____ miles

11) $2\frac{2}{3}$ hours = _____ minutes

12) $2\frac{2}{3}$ minutes = _____ seconds

13) $2\frac{2}{3}$ minutes = _____ hours

14) $2\frac{2}{3}$ seconds = _____ minutes

15) 12.5 ft/sec = _____ yards/sec

16) 62.3 miles/hr = _____ miles/min

17) 62.3 miles/hr = _____ ft/hr

18) 12.5 ft/sec = _____ ft/min

19) $1\frac{1}{4}$ gal/min = _____ quarts/min

20) $1\frac{1}{4}$ gal/min = _____ gal/sec

21) 72 words/min = _____ words/hour

22) 72 words/min = _____ words/sec