14. 31 feet = $\underline{X}$ yds

$\frac{31 \text{ ft}}{X \text{ yds}} = \frac{3 \text{ ft}}{1 \text{ yd}}$

$\frac{31}{X} = \frac{3}{1}$

$3X = 31$

$\frac{3X}{3} = \frac{31}{3}$

$X = \frac{31}{3}$ yds

$= 10\frac{1}{3}$ yds

15. 16 qts = ____ gal.

$\frac{16 \text{ qts}}{X \text{ gals}} = \frac{4 \text{ qts}}{1 \text{ gals}}$

$\frac{16}{X} = \frac{4}{1}$

$4X = 16$

$\frac{4X}{4} = \frac{16}{4}$

$X = 4$ gals

14. 31 feet = ____ yds

$\frac{31 \text{ feet}}{1} \cdot \frac{1 \text{ yds}}{3 \text{ feet}} = \frac{31}{3}$ yds $= 10\frac{1}{3}$ yds

15. 16 qts = ____ gal

$\frac{16 \text{ qts}}{1} \cdot \frac{1 \text{ gal}}{4 \text{ qts}} = \frac{16}{4}$ gal $= 4$ gal

16. 6 pints = ____ cups

$\frac{6 \text{ pints}}{1} \cdot \frac{1 \text{ qts}}{2 \text{ pints}} \cdot \frac{32 \text{ ounces}}{1 \text{ qts}} \cdot \frac{1 \text{ cup}}{8 \text{ ounces}}$

$\frac{192}{16}$ cup

$= \frac{96}{8}$ cup

$= 12$ cups

1
32
6
192