Name _____   Date _____

1. Draw a tape diagram to show 1 yard divided into 3 equal parts.

    a. $\frac{1}{3}$ yd = _____ ft

    b. $\frac{2}{3}$ yd = _____ ft
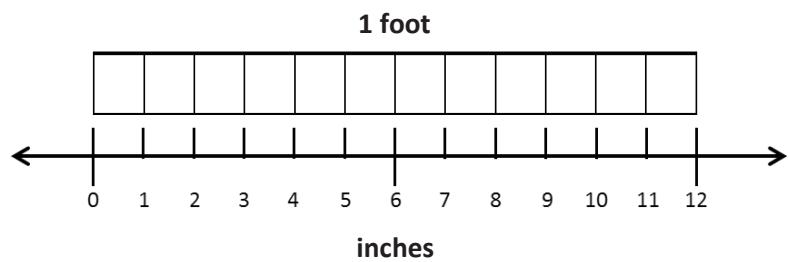
    c. $\frac{3}{3}$ yd = _____ ft

2. Draw a tape diagram to show $2\frac{2}{3}$ yards = 8 feet.

3. Draw a tape diagram to show $\frac{3}{4}$ gallon = 3 quarts.

4. Draw a tape diagram to show $3\frac{3}{4}$ gallons = 15 quarts.

5. Solve the problems using whatever tool works best for you.

    a. $\frac{1}{12}$ ft = _____ in

    1 foot

    b. $\frac{}{12}$ ft = $\frac{1}{2}$ ft = _____ in

    0 1 2 3 4 5 6 7 8 9 10 11 12

    inches

    c. $\frac{}{12}$ ft = $\frac{1}{4}$ ft = _____ in

Lesson 12:   Use measurement tools to convert mixed number measurements to smaller units.

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d. $\dfrac{}{12}$ ft $= \dfrac{3}{4}$ ft $=$ _____ in

e. $\dfrac{}{12}$ ft $= \dfrac{1}{3}$ ft $=$ _____ in

f. $\dfrac{}{12}$ ft $= \dfrac{2}{3}$ ft $=$ _____ in

6. Solve.

a. $1\dfrac{1}{3}$ yd $=$ _____ ft	b. $4\dfrac{2}{3}$ yd $=$ _____ ft
c. $2\dfrac{1}{2}$ gal $=$ _____ qt	d. $7\dfrac{3}{4}$ gal $=$ _____ qt
e. $1\dfrac{1}{2}$ ft $=$ _____ in	f. $6\dfrac{1}{2}$ ft $=$ _____ in
g. $1\dfrac{1}{4}$ ft $=$ _____ in	h. $6\dfrac{1}{4}$ ft $=$ _____ in