

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Draw a tape diagram to show  $1\frac{1}{3}$  yards = 4 feet.
  
  
  
  
  
  
  
  
  
  
2. Draw a tape diagram to show  $\frac{1}{2}$  gallon = 2 quarts.
  
  
  
  
  
  
  
  
  
  
3. Draw a tape diagram to show  $1\frac{3}{4}$  gallons = 7 quarts.

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

a.  $\frac{1}{2}$  foot = \_\_\_\_\_ inches

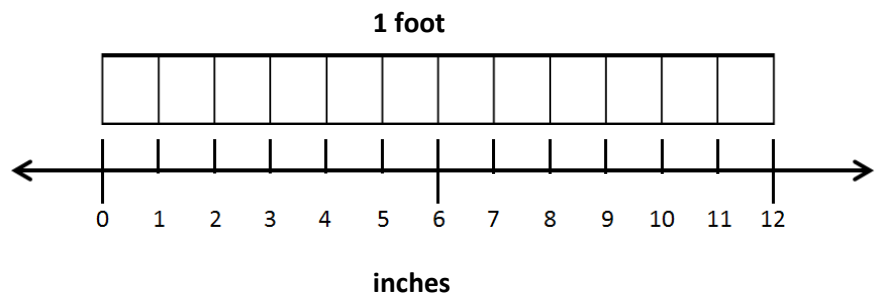
b.  $\frac{\quad}{12}$  foot =  $\frac{1}{4}$  foot = \_\_\_\_\_ inches

c.  $\frac{\quad}{12}$  foot =  $\frac{1}{6}$  foot = \_\_\_\_\_ inches

d.  $\frac{\quad}{12}$  foot =  $\frac{1}{3}$  foot = \_\_\_\_\_ inches

e.  $\frac{\quad}{12}$  foot =  $\frac{2}{3}$  foot = \_\_\_\_\_ inches

f.  $\frac{\quad}{12}$  foot =  $\frac{5}{6}$  foot = \_\_\_\_\_ inches



5. Solve.

a. $2\frac{2}{3}$ yd = _____ ft	b. $3\frac{1}{3}$ yd = _____ ft
c. $3\frac{1}{2}$ gal = _____ qt	d. $5\frac{1}{4}$ gal = _____ qt
e. $6\frac{1}{4}$ ft = _____ in	f. $7\frac{1}{3}$ ft = _____ in
g. $2\frac{1}{2}$ ft = _____ in	h. $5\frac{3}{4}$ ft = _____ in
i. $9\frac{2}{3}$ ft = _____ in	j. $7\frac{5}{6}$ ft = _____ in