Name $\qquad$ Date $\qquad$

1. Draw a tape diagram to show 1 yard divided into 3 equal parts.
a. $\frac{1}{3} \mathrm{yd}=$ $\qquad$ ft
b. $\frac{2}{3} \mathrm{yd}=$ $\qquad$ ft
c. $\frac{3}{3} \mathrm{yd}=$ $\qquad$ 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. $\frac{1}{12} \mathrm{ft}=$ $\qquad$ in

1 foot
b. $\quad \frac{\mathrm{ft}}{12}=\frac{1}{2} \mathrm{ft}=$ $\qquad$ in

c. $\overline{12} \mathrm{ft}=\frac{1}{4} \mathrm{ft}=$ $\qquad$ in inches
d. $\frac{}{12} \mathrm{ft}=\frac{3}{4} \mathrm{ft}=$ $\qquad$ in
e. $\frac{}{12} \mathrm{ft}=\frac{1}{3} \mathrm{ft}=$ $\qquad$ in
f. $\frac{}{12} \mathrm{ft}=\frac{2}{3} \mathrm{ft}=$ $\qquad$ in
6. Solve.

| a. $\quad 1 \frac{1}{3} \mathrm{yd}=$ $\qquad$ ft | b. $4 \frac{2}{3} \mathrm{yd}=$ $\qquad$ ft |
| :---: | :---: |
| c. $2 \frac{1}{2} \mathrm{gal}=$ $\qquad$ qt | d. $7 \frac{3}{4} \mathrm{gal}=$ $\qquad$ qt |
| e. $1 \frac{1}{2} \mathrm{ft}=$ $\qquad$ in | f. $6 \frac{1}{2} \mathrm{ft}=$ $\qquad$ in |
| g. $1 \frac{1}{4} \mathrm{ft}=$ $\qquad$ in | h. $6 \frac{1}{4} \mathrm{ft}=$ $\qquad$ in |

