

Name _____ Date _____

1. Convert. Show your work. Express your answer as a mixed number. The first one is done for you.

<p>a. $2\frac{2}{3}$ yd = <u>8</u> ft</p> $2\frac{2}{3} \text{ yd} = 2\frac{2}{3} \times 1 \text{ yd}$ $= 2\frac{2}{3} \times 3 \text{ ft}$ $= \frac{8}{3} \times 3 \text{ ft}$ $= \frac{24}{3} \text{ ft}$ $= 8 \text{ ft}$	<p>b. $1\frac{1}{4}$ ft = _____ yd</p> $1\frac{1}{4} \text{ ft} = 1\frac{1}{4} \times 1 \text{ ft}$ $= 1\frac{1}{4} \times \frac{1}{3} \text{ yd}$ $= \frac{5}{4} \times \frac{1}{3} \text{ yd}$ $=$
<p>c. $3\frac{5}{6}$ ft = _____ in</p>	<p>d. $7\frac{1}{2}$ pt = _____ qt</p>
<p>e. $4\frac{3}{10}$ hr = _____ min</p>	<p>f. 33 months = _____ years</p>

2. Four members of a track team run a relay race in 165 seconds. How many minutes did it take them to run the race?
3. Horace buys $2\frac{3}{4}$ pounds of blueberries for a pie. He needs 48 ounces of blueberries for the pie. How many more pounds of blueberries does he need to buy?
4. Tiffany is sending a package that may not exceed 16 pounds. The package contains books that weigh a total of $9\frac{3}{8}$ pounds. The other items to be sent weigh $\frac{3}{5}$ the weight of the books. Will Tiffany be able to send the package?