Name _____ Date _____

Convert. Express your answer as a mixed number.

a. $2\frac{1}{6}$ ft = 26 in

$2\frac{1}{6}$ ft $= 2\frac{1}{6} \times (1$ ft$)$

$= 2\frac{1}{6} \times 12$ in

$= \frac{13}{6} \times 12$ in

$= \frac{13 \times \cancel{12}^{2}}{\cancel{6}_{1}} = 26$ in

b. $3\frac{3}{4}$ ft = $1\frac{1}{4}$ yd

$3\frac{3}{4}$ ft $= 3\frac{3}{4} \times (1$ ft$)$

$= 3\frac{3}{4} \times \frac{1}{3}$ yd

$= \frac{15}{4} \times \frac{1}{3}$ yd

$= \frac{\cancel{15}^{5} \times 1}{4 \times \cancel{3}_{1}}$ yd $= \frac{5}{4}$ yd $= 1\frac{1}{4}$ yd

c. $2\frac{1}{2}$ c = $1\frac{1}{4}$ pt

$2\frac{1}{2}$ c $= 2\frac{1}{2} \times (1$ c$)$

$= 2\frac{1}{2} \times \frac{1}{2}$ p

$= \frac{5}{2} \times \frac{1}{2}$ p

$= \frac{5 \times 1}{2 \times 2}$ p

$= \frac{5}{4}$ p

$= 1\frac{1}{4}$ p

d. $3\frac{2}{3}$ years = 44 months

$3\frac{2}{3}$ years $= 3\frac{2}{3} \times (1$ year$)$

$= 3\frac{2}{3} \times (12$ months$)$

$= \frac{11}{3} \times 12$ months

$= \frac{11 \times \cancel{12}^{4}}{\cancel{3}_{1}}$ months

$= 44$ months