

Name \_\_\_\_\_

Date \_\_\_\_\_

Convert. Express your answer as a mixed number, if possible.

a. 5 in =  $\frac{5}{12}$  ft

$$\begin{aligned} 5 \text{ in} &= 5 \times (1 \text{ in}) \\ &= 5 \times \left(\frac{1}{12} \text{ ft}\right) \\ &= \frac{5}{12} \text{ ft} \end{aligned}$$

b. 13 in =  $1\frac{1}{12}$  ft

$$\begin{aligned} 13 \text{ in} &= 13 \times (1 \text{ in}) \\ &= 13 \times \left(\frac{1}{12} \text{ ft}\right) \\ &= \frac{13}{12} \text{ ft} \\ &= 1\frac{1}{12} \text{ ft} \end{aligned}$$

c. 9 oz =  $\frac{9}{16}$  lb

$$\begin{aligned} 9 \text{ oz} &= 9 \times (1 \text{ oz}) \\ &= 9 \times \frac{1}{16} \text{ lb} \\ &= \frac{9}{16} \text{ lb} \end{aligned}$$

d. 18 oz =  $1\frac{2}{16}$  lb

$$\begin{aligned} 18 \text{ oz} &= 18 \times (1 \text{ oz}) \\ &= 18 \times \frac{1}{16} \text{ lb} \\ &= \frac{18}{16} \text{ lb} \\ &= 1\frac{2}{16} \text{ lb or } 1\frac{1}{8} \text{ lb} \end{aligned}$$