1. Convert. Express your answer as a mixed number, if possible. The first one is done for you.

<table>
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<th>Problem</th>
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</table>
| a. 2 ft = \( \frac{2}{3} \) yd | 2 ft = 2 \times 1 ft  
\[= 2 \times \frac{1}{3} \text{ yd}\]  
\[= \frac{2}{3} \text{ yd}\] |
| b. 4 ft = \( \frac{1}{3} \) yd | 4 ft = 4 \times 1 ft  
\[= 4 \times \frac{1}{3} \text{ yd}\]  
\[= \frac{4}{3} = 1 \frac{1}{3} \text{ yd}\] |
| c. 7 in = \( \frac{1}{12} \) ft | 7 in = 7 \times 1 in  
\[= 7 \times \frac{1}{12} \text{ ft}\]  
\[= \frac{7}{12} \text{ ft}\] |
| d. 13 in = \( \frac{1}{12} \) ft | 13 in = 13 \times 1 in  
\[= 13 \times \frac{1}{12} \text{ ft}\]  
\[= \frac{13}{12} \text{ ft}\]  
\[= 1 \frac{1}{12} \text{ ft}\] |
| e. 5 oz = \( \frac{5}{16} \) lb | 5 oz = 5 \times 1 oz  
\[= 5 \times \frac{1}{16} \text{ lb}\]  
\[= \frac{5}{16} \text{ lb}\] |
| f. 18 oz = \( \frac{2}{16} \) lb | 18 oz = 18 \times 1 oz  
\[= 18 \times \frac{1}{16} \text{ lb}\]  
\[= \frac{18}{16} \text{ lb}\]  
\[= 1 \frac{2}{16} \text{ lb}\] |
2. Regina buys 24 inches of trim for a craft project.
   a. What fraction of a yard does Regina buy?
      
      Regina bought \( \frac{24}{36} \) yd of trim.

      \[
      24 \text{ in} = 24 \times \frac{1}{12} \text{ yd} = \frac{24}{12} \text{ yd} = 2 \text{ yd}
      \]

   b. If a whole yard of trim costs $6, how much did Regina pay?
      
      \[
      \frac{24}{36} \text{ of } \$6 = \frac{24}{36} \times \frac{6}{1} = \frac{24}{6} = \$4
      \]

      She paid $4 for the trim.

3. At Yo-Yo Yogurt, the scale says that Sara has 8 ounces of vanilla yogurt in her cup. Her father's yogurt weighs 11 ounces. How many pounds of frozen yogurt did they buy altogether? Express your answer as a mixed number.

      Yogurt Sara dad 19 oz
      8 oz 11 oz 19 oz

      They bought \( 1 \frac{3}{8} \) lb of yogurt total.

4. Pheng-Xu drinks 1 cup of milk every day for lunch. How many gallons of milk does he drink in 2 weeks?

      Drink \( \frac{14}{10} \) gal
      14 cups = \( \frac{14}{10} \) gal

      He drinks \( \frac{14}{10} \) gallons of milk in 2 weeks.