**Measurement and Geometry**

**Practice B: Converting Customary Units**

**Convert.**
1. 3 yards = ______ inches
2. ______ yards = 87 feet
3. cups = 104 fluid ounces
4. 4 quarts = ______ pints
5. 4 pounds = ______ ounces
6. 80 ounces = ______ pounds
7. 5 miles = ______ yards
8. gallons = 48 cups
9. cups = 4 pints
10. 36 inches = ______ yards

**Compare. Use <, >, or =.**
11. 4 quarts ______ 24 cups
12. 2.5 feet ______ 32 inches
13. 8 ounces ______ \( \frac{1}{4} \) pound
14. 5 cups ______ 40 fluid ounces
15. 56 ounces ______ 3.5 pounds
16. 2 yards ______ 5 feet
17. 1.5 miles ______ 2,500 yards
18. 3 \( \frac{1}{2} \) tons ______ 6,000 pounds
19. Cassandra drank \( 8 \frac{1}{2} \) cups of water during the mountain hike. How many fluid ounces of water did she drink?
20. Stan cut a wooden plank into 4 pieces. Each piece was 18 inches long. How long was the plank before Stan cut it?
Solve each problem below. Begin at Start. Follow the directions after each problem to navigate through the maze and pick up letters. When you land on a letter, write it in the letter box at the bottom of the page. To solve the riddle, unscramble the letters.

1. \( x \) tons = 10,000 pounds. Move \( x \) spaces right. ________

2. 7 pints = \( x \) and a half quarts. Move \( x \) spaces down. ________

3. 7,040 yards equals \( x \) miles. Move \( x \) spaces left. ________

4. Lupe is helping her father make punch. She has a 48-ounce bottle of ginger ale. How many pints of ginger ale do they have? \( x \) pints. Move \( x \) spaces down. ________

5. Prabir is making a suit, and needs \( 2 \frac{2}{3} \) yards of material.
   He has \( 7 \frac{1}{2} \) ft of material left over from a previous suit.
   Will that be enough? If yes, move two spaces left. If no, move two spaces right. ________

6. Six quarts equals \( x \) and a half gallons. Move \( x \) spaces up. ________

What kind of ties can’t you wear?

R _____ _____ _____ _____ A _____ TIES