Section D: Practice Problems

1. a. Are $\frac{2}{3}$ and $\frac{4}{6}$ equivalent? Show your thinking using diagrams, symbols, or other representations.

   b. Are $\frac{6}{8}$ and $\frac{7}{8}$ equivalent? Show your thinking using diagrams, symbols, or other representations.

   (From Unit 5, Lesson 14.)

2. Han says there is no fraction with denominator 8 that's greater than $\frac{8}{8}$ because $\frac{8}{8}$ is a whole. Do you agree with Han? Explain your reasoning.

   (From Unit 5, Lesson 15.)

3. Use the symbols $>$ or $<$ to make each statement true. Explain your reasoning.

   a. $\frac{5}{3}$ _____ $\frac{5}{2}$

   b. $\frac{3}{4}$ _____ $\frac{5}{4}$

(From Unit 5, Lesson 16.)

4. a. Jada threw the ball $\frac{3}{4}$ of the length of the gym. Clare threw the ball $\frac{6}{8}$ of the length of the gym. Clare says she threw the ball farther. Do you agree? Show your thinking.

   b. Tyler kicked the ball $\frac{7}{8}$ the length of the playground. Andre kicked the ball $\frac{7}{6}$ the length of the playground. Andre says he kicked the ball farther. Do you agree? Show your thinking.

(From Unit 5, Lesson 17.)

5. **Exploration**

Clare walked $\frac{3}{4}$ of the way around a park. Tyler walked $\frac{3}{6}$ of the way around a different park. Who walked farther? Explain your reasoning.

6. **Exploration**

Choose a fraction that you can compare with both $\frac{3}{8}$ and $\frac{5}{6}$ by looking at the numerators and denominators.