1. $\dfrac{5}{18} - \dfrac{x-2}{9} \le \dfrac{x-4}{6}$

2. $\dfrac{5}{18} - \dfrac{2}{2}\dfrac{x-2}{9} \le \dfrac{3}{3}\dfrac{x-4}{6}$

3. $\dfrac{5}{18} - \dfrac{2x-2}{18} \le \dfrac{3x-4}{18}$

4. $5 - (2x - 2) \le 3x - 4$

5. $5 - 2x + 2 \le 3x - 4$

6. $7 - 2x \le 3x - 4$

7. $-5x \le -11$

8. $x \le \dfrac{11}{5}$

a. There are two mathematical errors in this work. Identify at what step each mathematical error occurred and explain why it is mathematically incorrect.

The first mathematical error occurred going from line _____ to line

_____.

Why it is incorrect:

The second mathematical error occurred going from line _____ to line

_____.

Why it is incorrect:

b. How would you help the student understand his mistakes?

c. Solve the inequality correctly.