Assessment: Identifying and Comparing Fractions

1. Is the shaded area \( \frac{1}{3} \) of the whole rectangle? Explain your answer.

   \[ \begin{array}{c}
   \text{Diagram of a rectangle divided into 3 equal parts, with one part shaded.}
   \end{array} \]

2. There are 24 apples in Mr. Lee’s basket. \( \frac{2}{6} \) of them spill out. How many did he lose? Explain how you know.

3. Some students say that \( \frac{1}{8} \) is larger than \( \frac{1}{4} \) because 8 is larger than 4. What do you think? Explain your reasoning.