Multiply a Fraction by a Whole Number

1. Use fraction models to represent and solve the following:

   a) $4 \times \frac{2}{3}$ b) $3 \times \frac{3}{5}$ c) $5 \times \frac{2}{4}$

   When you multiply a number by a fraction less than 1, is the product less than the number, greater than the number, or equal to the number? Explain your thinking using mathematical reasoning.

2. Use fraction models to represent and solve the following:

   a) $5 \times 1\frac{2}{4}$ b) $3 \times 2\frac{2}{3}$ c) $4 \times 1\frac{3}{8}$

   When you multiply a number by a fraction greater than 1, is the product less than the number, greater than the number, or equal to the number? Explain your thinking using mathematical reasoning.