Using Models to Compare Fractions: Same Numerator

Compare. Write <, >, or = for each ∘.

1. \[\frac{1}{8}\] 1 \[\frac{1}{3}\]

2. \[\frac{1}{3}\] \[\frac{1}{3}\] \[\frac{1}{6}\] \[\frac{1}{6}\]

3. \[\frac{3}{6}\] \[\frac{3}{4}\]

4. \[\frac{1}{2}\] \[\frac{1}{2}\]

5. \[\frac{2}{8}\] \[\frac{2}{6}\]

6. \[\frac{3}{8}\] \[\frac{3}{4}\]

7. Ricardo has read \(\frac{2}{3}\) of a book. Lin had read \(\frac{2}{4}\) of the same book. Who has read more of the book?

8. Maria and Nina each ordered a small pizza. Maria ate \(\frac{3}{8}\) of her pizza. Nina ate \(\frac{3}{6}\) of her pizza. Who ate more pizza?

9. Which is the greatest fraction?
   A \(\frac{1}{2}\)   B \(\frac{1}{4}\)   C \(\frac{1}{6}\)   D \(\frac{1}{8}\)

10. Writing to Explain Why is \(\frac{1}{6}\) greater than \(\frac{1}{8}\) but less than \(\frac{1}{3}\)? Explain.