# Comparing Fractions
# Using Benchmarks

For **1–9,** use benchmark numbers to compare. Write $<$ or $>$ for each $\bigcirc$.

**1.** $\frac{3}{6} \bigcirc \frac{3}{8}$     **2.** $\frac{2}{3} \bigcirc \frac{1}{3}$     **3.** $\frac{4}{8} \bigcirc \frac{6}{8}$

**4.** $\frac{2}{4} \bigcirc \frac{2}{6}$     **5.** $\frac{1}{4} \bigcirc \frac{1}{3}$     **6.** $\frac{3}{4} \bigcirc \frac{1}{4}$

**7.** $\frac{3}{3} \bigcirc \frac{3}{4}$     **8.** $\frac{5}{8} \bigcirc \frac{5}{6}$     **9.** $\frac{2}{6} \bigcirc \frac{2}{3}$

**10.** Explain how you compared the fractions in Exercise 9.

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**11.** Which fraction is closer to 1 than to 0?

**A** $\frac{1}{4}$          **B** $\frac{1}{2}$          **C** $\frac{3}{6}$          **D** $\frac{7}{8}$

**12.** Lucy has a collection of buttons. $\frac{2}{3}$ of her buttons are square and $\frac{2}{8}$ of her buttons are round. Does Lucy have more square buttons or round buttons?

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**13.** **Reason** On Monday, Carlos ran $\frac{1}{8}$ of a mile. On Wednesday, he ran $\frac{5}{6}$ of a mile. Carlos ran $\frac{3}{8}$ of a mile on Friday. Which day did Carlos run the farthest?

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**14.** **Writing to Explain** Sydney says that $\frac{4}{8}$ is closer to 0 than to 1. Is she correct? Explain.

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