

Name _____

Lesson 9.3
Reteach

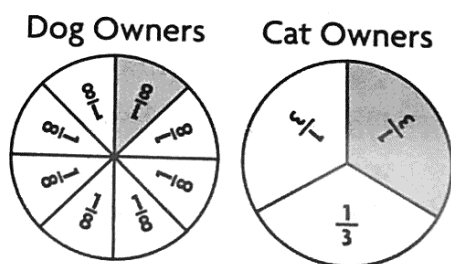
Compare Fractions with the Same Numerator

Ryan takes a survey of his class. $\frac{1}{8}$ of the class has dogs, and $\frac{1}{3}$ of the class has cats. Are there more dog owners or cat owners in Ryan's class?

Compare the fractions. $\frac{1}{8} \bigcirc \frac{1}{3}$

Step 1 Divide the first circle into 8 equal parts. Shade $\frac{1}{8}$ of the circle to show dog owners.

Step 2 Divide the second circle into 3 equal parts. Shade $\frac{1}{3}$ of the circle to show cat owners.



Step 3 Compare the shaded parts of the circles. Which shaded part is larger?

$\frac{1}{3}$ is larger than $\frac{1}{8}$. $\frac{1}{8} < \frac{1}{3}$

So, there are more cat owners than dog owners in Ryan's class.

Compare. Write $<$, $>$, or $=$.

1. $\frac{3}{4} \bigcirc \frac{3}{6}$

2. $\frac{1}{8} \bigcirc \frac{1}{6}$

3. $\frac{2}{4} \bigcirc \frac{2}{6}$

4. $\frac{2}{3} \bigcirc \frac{2}{6}$

5. $\frac{4}{6} \bigcirc \frac{4}{8}$

6. $\frac{2}{8} \bigcirc \frac{2}{4}$

7. $\frac{5}{6} \bigcirc \frac{5}{8}$

8. $\frac{1}{3} \bigcirc \frac{1}{4}$

9. $\frac{3}{6} \bigcirc \frac{3}{4}$

10. $\frac{1}{3} \bigcirc \frac{1}{3}$

11. $\frac{3}{3} \bigcirc \frac{3}{4}$

12. $\frac{2}{8} \bigcirc \frac{2}{6}$