Comparing fractions with the same numerator

Write >, < or = in each circle. The more parts a whole is cut into, the smaller each part.

Name _____ Date _____

1. $\frac{2}{6}$ ◯ $\frac{2}{3}$

2. $\frac{1}{3}$ ◯ $\frac{1}{6}$

3. $\frac{3}{4}$ ◯ $\frac{3}{6}$

4. $\frac{2}{8}$ ◯ $\frac{2}{3}$

5. $\frac{3}{6}$ ◯ $\frac{3}{6}$

6. $\frac{2}{3}$ ◯ $\frac{2}{6}$

7. $\frac{2}{3}$ ◯ $\frac{2}{4}$

8. $\frac{1}{6}$ ◯ $\frac{1}{2}$

9. $\frac{1}{8}$ ◯ $\frac{1}{4}$

10. $\frac{3}{6}$ ◯ $\frac{3}{4}$

11. $\frac{2}{6}$ ◯ $\frac{2}{4}$

12. $\frac{2}{4}$ ◯ $\frac{2}{6}$

13. $\frac{4}{8}$ ◯ $\frac{4}{6}$

14. $\frac{2}{3}$ ◯ $\frac{2}{8}$

15. $\frac{1}{2}$ ◯ $\frac{1}{4}$

16. $\frac{3}{4}$ ◯ $\frac{3}{8}$

17. $\frac{3}{4}$ ◯ $\frac{3}{4}$

18. $\frac{1}{4}$ ◯ $\frac{1}{3}$

19. $\frac{2}{8}$ ◯ $\frac{2}{6}$

20. $\frac{1}{3}$ ◯ $\frac{1}{8}$

Comparing fractions with the same numerator: answer key

Each answer in colour, with how it was decided.

1. $\frac{2}{6} < \frac{2}{3}$ thirds are bigger parts than sixths
2. $\frac{1}{3} > \frac{1}{6}$ thirds are bigger parts than sixths
3. $\frac{3}{4} > \frac{3}{6}$ fourths are bigger parts than sixths
4. $\frac{2}{8} < \frac{2}{3}$ thirds are bigger parts than eighths
5. $\frac{3}{6} = \frac{3}{6}$
6. $\frac{2}{3} > \frac{2}{6}$ thirds are bigger parts than sixths
7. $\frac{2}{3} > \frac{2}{4}$ thirds are bigger parts than fourths
8. $\frac{1}{6} < \frac{1}{2}$ halves are bigger parts than sixths
9. $\frac{1}{8} < \frac{1}{4}$ fourths are bigger parts than eighths
10. $\frac{3}{6} < \frac{3}{4}$ fourths are bigger parts than sixths
11. $\frac{2}{6} < \frac{2}{4}$ fourths are bigger parts than sixths
12. $\frac{2}{4} > \frac{2}{6}$ fourths are bigger parts than sixths
13. $\frac{4}{8} < \frac{4}{6}$ sixths are bigger parts than eighths
14. $\frac{2}{3} > \frac{2}{8}$ thirds are bigger parts than eighths
15. $\frac{1}{2} > \frac{1}{4}$ halves are bigger parts than fourths
16. $\frac{3}{4} > \frac{3}{8}$ fourths are bigger parts than eighths
17. $\frac{3}{4} = \frac{3}{4}$
18. $\frac{1}{4} < \frac{1}{3}$ thirds are bigger parts than fourths
19. $\frac{2}{8} < \frac{2}{6}$ sixths are bigger parts than eighths
20. $\frac{1}{3} > \frac{1}{8}$ thirds are bigger parts than eighths