

**Skill: Ratios and Fractions****Investigation 1****Comparing and Scaling**

Write each ratio in simplest form.

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

2. 3 : 21

3. 16 to 20

4.  $\frac{3}{30}$

5. 12 to 18

6. 81 : 27

7.  $\frac{6}{28}$

8. 49 to 14

Compare each pair of numbers. Use  $<$ ,  $>$ , or  $=$ .

9.  $\frac{7}{8} \square \frac{3}{30}$

10.  $\frac{4}{5} \square \frac{1}{2}$

11.  $\frac{6}{12} \square \frac{4}{8}$

12.  $\frac{7}{15} \square \frac{11}{15}$

13.  $\frac{4}{5} \square \frac{6}{10}$

14.  $\frac{7}{12} \square \frac{2}{3}$

15.  $\frac{8}{15} \square \frac{1}{2}$

16.  $\frac{10}{15} \square \frac{8}{12}$

17.  $\frac{4}{9} \square \frac{7}{9}$

18.  $\frac{2}{5} \square \frac{3}{8}$

19.  $\frac{1}{2} \square \frac{11}{20}$

20.  $\frac{7}{16} \square \frac{1}{2}$