

Name \_\_\_\_\_

Class Period \_\_\_\_\_

### Fractions Quest Review

Show all of your work. Please surround your answers with a circle or rectangle.

1. Reduce  $\frac{63}{108}$ .

2. Convert to a mixed number:  $\frac{37}{11}$ .

3. Convert to an improper fraction:  $4\frac{2}{7}$ .

Perform the indicated operation.

4.  $\frac{3}{5} + \frac{2}{7}$

5.  $\frac{3}{10} + \frac{5}{6}$

6.  $3\frac{4}{9} + 2\frac{1}{3}$

7.  $7\frac{3}{8} + 4\frac{6}{7}$

8.  $\frac{4}{9} - \frac{2}{5}$

9.  $9 - \frac{8}{11}$

10.  $7\frac{4}{5} - 4\frac{2}{3}$

11.  $6\frac{3}{7} - 4\frac{1}{2}$

12.  $\frac{9}{10} \times \frac{2}{3}$

13.  $\frac{24}{49} \times \frac{21}{40}$

14.  $2\frac{1}{3} \times 4\frac{5}{7}$

15.  $\frac{3}{5} \div \frac{2}{3}$

16.  $4\frac{4}{5} \div 3\frac{1}{2}$

17. Which is larger,  $\frac{17}{25}$  or  $\frac{19}{40}$ ?

18. Which is larger,  $\frac{5}{11}$  or  $\frac{4}{9}$ ?

19. What do you do to reduce?  
\_\_\_\_\_ and  
\_\_\_\_\_

20. In terms of pies, explain why  $\frac{19}{3}$  is equivalent to  $6\frac{1}{3}$ .