



# Skill Practice 2

## Simplifying Fractions

☼ Simplify the following fractions. Show your work.

$$\frac{22 \div 22}{66 \div 22} = \frac{1}{3}$$

$$\frac{15}{20} = \frac{3}{4}$$

$$\frac{28}{42} = \frac{2}{3}$$

$$\frac{12}{36} = \frac{1}{3}$$

$$\frac{28}{35} = \frac{4}{5}$$

$$\frac{24}{40} = \frac{3}{5}$$

$$\frac{19}{76} = \frac{1}{4}$$

$$\frac{18}{60} = \frac{3}{10}$$

$$\frac{23}{46} = \frac{1}{2}$$

☼ Now that you've got the hang of it, look closely at the following fractions. They do not simplify very well, but they are very close to a simplifiable fraction. For example, **45/61** cannot be simplified, but we know that **45/60 = 3/4**. So, **45/61** can be approximated to **3/4**. Be sure to show your work.

$$\frac{45}{51} \approx \frac{9}{10}$$

$$\frac{11}{45} \approx \frac{1}{4}$$

$$\frac{13}{24} \approx \frac{1}{2}$$

$$\approx \frac{45 \div 5}{50 \div 5} \rightarrow \frac{9}{10}$$

$$\frac{23}{30} \approx \frac{4}{5}$$

$$\frac{89}{90} \approx 1$$

$$\frac{31}{36} \approx \frac{8}{9}$$

$$\frac{37}{72} \approx \frac{1}{2}$$

$$\frac{49}{64} \approx \frac{3}{4}$$

$$\frac{10}{61} \approx \frac{1}{6}$$