



Skill Practice 3

Simplifying Fractions

✪ Simplify the following fractions. Show your work.

$$\frac{12 \div 6}{30 \div 6} = \frac{2}{5}$$

$$\frac{20}{24} = \underline{\hspace{2cm}}$$

$$\frac{63}{70} = \underline{\hspace{2cm}}$$

$$\frac{5}{15} = \underline{\hspace{2cm}}$$

$$\frac{27}{45} = \underline{\hspace{2cm}}$$

$$\frac{10}{20} = \underline{\hspace{2cm}}$$

$$\frac{3}{18} = \underline{\hspace{2cm}}$$

$$\frac{18}{27} = \underline{\hspace{2cm}}$$

$$\frac{24}{32} = \underline{\hspace{2cm}}$$

✪ 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, **51/100** cannot be simplified, but we know that **50/100 = 1/2**. So, **50/100** can be approximated to **1/2**. Be sure to show your work.

$$\frac{16}{63} \approx \frac{1}{4}$$

$$\frac{75}{99} \approx \underline{\hspace{2cm}}$$

$$\frac{13}{25} \approx \underline{\hspace{2cm}}$$

$$\approx \frac{16 \div 16}{64 \div 16} \rightarrow \frac{1}{4}$$

$$\frac{19}{100} \approx \underline{\hspace{2cm}}$$

$$\frac{11}{72} \approx \underline{\hspace{2cm}}$$

$$\frac{41}{63} \approx \underline{\hspace{2cm}}$$

$$\frac{28}{71} \approx \underline{\hspace{2cm}}$$

$$\frac{24}{99} \approx \underline{\hspace{2cm}}$$

$$\frac{19}{98} \approx \underline{\hspace{2cm}}$$