MATH
FRACTIONS

Skill Practice 2

Simplifying Fractions

Simplify the following fractions. Show your work.

$\frac{22}{66} \overset{\div 22}{=} \frac{1}{3}$ $\quad \frac{15}{20} = \_\_\_$ $\quad \frac{28}{42} = \_\_\_$

$\frac{12}{36} = \_\_\_$ $\quad \frac{28}{35} = \_\_\_$ $\quad \frac{24}{40} = \_\_\_$

$\frac{19}{76} = \_\_\_$ $\quad \frac{18}{60} = \_\_\_$ $\quad \frac{23}{46} = \_\_\_$

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.

$\frac{45}{51} \approx \frac{9}{10}$ $\quad \frac{11}{45} \approx \_\_\_$ $\quad \frac{13}{24} \approx \_\_\_$

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

$\frac{23}{30} \approx \_\_\_$ $\quad \frac{89}{90} \approx \_\_\_$ $\quad \frac{31}{36} \approx \_\_\_$

$\frac{37}{72} \approx \_\_\_$ $\quad \frac{49}{64} \approx \_\_\_$ $\quad \frac{10}{61} \approx \_\_\_$