

## Simplifying Fractions

**Instructions:** For each fraction below, find the greatest common factor (GCF) for the numerator and denominator and divide.

1	$\frac{4}{8} \div \frac{4}{4} = \frac{1}{2}$	9	$\frac{15}{25} \div \quad =$
2	$\frac{3}{6} \div \quad =$	10	$\frac{12}{18} \div \quad =$
3	$\frac{4}{12} \div \quad =$	11	$\frac{16}{20} \div \quad =$
4	$\frac{6}{9} \div \quad =$	12	$\frac{4}{18} \div \quad =$
5	$\frac{15}{20} \div \quad =$	13	$\frac{22}{77} \div \quad =$
6	$\frac{8}{12} \div \quad =$	14	$\frac{14}{18} \div \quad =$
7	$\frac{14}{21} \div \quad =$	15	$\frac{7}{35} \div \quad =$
8	$\frac{6}{15} \div \quad =$	16	$\frac{18}{20} \div \quad =$



1	$\frac{14}{16} \div =$	11	$\frac{20}{24} \div =$
2	$\frac{20}{45} \div =$	12	$\frac{40}{45} \div =$
3	$\frac{12}{22} \div =$	13	$\frac{32}{40} \div =$
4	$\frac{9}{15} \div =$	14	$\frac{25}{60} \div =$
5	$\frac{15}{18} \div =$	15	$\frac{21}{28} \div =$
6	$\frac{18}{24} \div =$	16	$\frac{21}{24} \div =$
7	$\frac{10}{15} \div =$	17	$\frac{21}{35} \div =$
8	$\frac{12}{36} \div =$	18	$\frac{14}{49} \div =$
9	$\frac{18}{27} \div =$	19	$\frac{30}{42} \div =$
10	$\frac{16}{24} \div =$	20	$\frac{54}{63} \div =$

## Simplifying Fractions

**Instructions:** For each fraction below, find the highest common factor (HCF) for the numerator and denominator and divide.

1	$\frac{12}{15} \div =$	9	$\frac{33}{88} \div =$
2	$\frac{14}{21} \div =$	10	$\frac{24}{32} \div =$
3	$\frac{12}{18} \div =$	11	$\frac{16}{18} \div =$
4	$\frac{7}{28} \div =$	12	$\frac{18}{24} \div =$
5	$\frac{9}{12} \div =$	13	$\frac{21}{24} \div =$
6	$\frac{20}{35} \div =$	14	$\frac{15}{40} \div =$
7	$\frac{24}{30} \div =$	15	$\frac{15}{27} \div =$
8	$\frac{15}{18} \div =$	16	$\frac{12}{30} \div =$



1	$\frac{28}{35} \div =$	11	$\frac{60}{84} \div =$
2	$\frac{36}{40} \div =$	12	$\frac{63}{81} \div =$
3	$\frac{33}{110} \div =$	13	$\frac{132}{144} \div =$
4	$\frac{24}{60} \div =$	14	$\frac{64}{88} \div =$
5	$\frac{18}{45} \div =$	15	$\frac{108}{120} \div =$
6	$\frac{24}{64} \div =$	16	$\frac{72}{144} \div =$
7	$\frac{44}{48} \div =$	17	$\frac{24}{84} \div =$
8	$\frac{64}{72} \div =$	18	$\frac{30}{72} \div =$
9	$\frac{27}{63} \div =$	19	$\frac{36}{132} \div =$
10	$\frac{99}{110} \div =$	20	$\frac{45}{108} \div =$