

## Simplifying Fractions

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

1	$\frac{35}{60} \div =$	9	$\frac{24}{54} \div =$
2	$\frac{14}{49} \div =$	10	$\frac{20}{55} \div =$
3	$\frac{27}{90} \div =$	11	$\frac{32}{72} \div =$
4	$\frac{12}{36} \div =$	12	$\frac{45}{81} \div =$
5	$\frac{40}{110} \div =$	13	$\frac{34}{80} \div =$
6	$\frac{46}{52} \div =$	14	$\frac{28}{49} \div =$
7	$\frac{17}{34} \div =$	15	$\frac{66}{121} \div =$
8	$\frac{44}{80} \div =$	16	$\frac{60}{96} \div =$



1	$\frac{36}{99} \div$	=	11	$\frac{18}{63} \div$	=
2	$\frac{16}{60} \div$	=	12	$\frac{52}{78} \div$	=
3	$\frac{42}{66} \div$	=	13	$\frac{72}{144} \div$	=
4	$\frac{14}{63} \div$	=	14	$\frac{84}{120} \div$	=
5	$\frac{24}{80} \div$	=	15	$\frac{47}{94} \div$	=
6	$\frac{55}{132} \div$	=	16	$\frac{35}{77} \div$	=
7	$\frac{16}{50} \div$	=	17	$\frac{121}{132} \div$	=
8	$\frac{54}{66} \div$	=	18	$\frac{26}{39} \div$	=
9	$\frac{40}{96} \div$	=	19	$\frac{15}{90} \div$	=
10	$\frac{42}{68} \div$	=	20	$\frac{52}{110} \div$	=

## Simplifying Fractions

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

1	$\frac{24}{30} \div$	$=$	9	$\frac{21}{56} \div$	$=$
2	$\frac{50}{110} \div$	$=$	10	$\frac{15}{75} \div$	$=$
3	$\frac{18}{40} \div$	$=$	11	$\frac{23}{69} \div$	$=$
4	$\frac{77}{99} \div$	$=$	12	$\frac{60}{144} \div$	$=$
5	$\frac{36}{84} \div$	$=$	13	$\frac{45}{54} \div$	$=$
6	$\frac{24}{60} \div$	$=$	14	$\frac{24}{64} \div$	$=$
7	$\frac{32}{44} \div$	$=$	15	$\frac{15}{33} \div$	$=$
8	$\frac{63}{90} \div$	$=$	16	$\frac{20}{55} \div$	$=$



1	$\frac{12}{27} \div$	=	11	$\frac{19}{57} \div$	=
2	$\frac{13}{52} \div$	=	12	$\frac{42}{48} \div$	=
3	$\frac{27}{72} \div$	=	13	$\frac{110}{144} \div$	=
4	$\frac{28}{49} \div$	=	14	$\frac{132}{144} \div$	=
5	$\frac{52}{78} \div$	=	15	$\frac{15}{55} \div$	=
6	$\frac{45}{65} \div$	=	16	$\frac{46}{92} \div$	=
7	$\frac{66}{121} \div$	=	17	$\frac{36}{66} \div$	=
8	$\frac{40}{96} \div$	=	18	$\frac{84}{144} \div$	=
9	$\frac{40}{88} \div$	=	19	$\frac{30}{75} \div$	=
10	$\frac{49}{77} \div$	=	20	$\frac{23}{92} \div$	=