EXAMPLE

Use the given numbers to fill in the blanks to create a true equation. *All fractions must be less than 1 and in simplest form.*

Numbers: 1, 3, 8, 24

First, we look at $\frac{13}{1}$. Since every fraction is less than 1, only 24 can be the denominator of $\frac{13}{1}$.

The remaining numbers are 1, 3, and 8. Next, we look at $\frac{2}{}$. Every fraction is in simplest form and less than 1. Since $\frac{2}{8}$ can be simplified and $\frac{2}{1}$ is less than 1, only 3 can be the denominator of $\frac{2}{}$.

The remaining numbers are 1 and 8. There is only one way to place these into the empty numerator and denominator to make a fraction that is less than 1.

Finally, we check that the equation is true:

 $\frac{13}{24} + \frac{1}{8} = \frac{13}{24} + \frac{3}{24} = \frac{16}{24} = \frac{2}{3}.$

For each problem below, use the given numbers to fill in the blanks to create a true equation. *All fractions must be less than 1 and in simplest form.* Be careful, there are sums and differences on these pages!

Numbers: 1, 2, 11

 $\frac{13}{13} + - = \frac{2}{13}$

 $\frac{13}{24} + - = \frac{2}{2}$

 $\frac{13}{24} + - = \frac{2}{3}$

 $\frac{13}{24} + \frac{1}{8} = \frac{2}{3}$

PRACTICE





74. Numbers: 1, 4, 5





75. Numbers: 1, 5, 13

73.



Fill-In Sums and Differences

PRACTICEFor each problem below, use the given numbers to fill
in the blanks to create a true equation. All fractions
must be less than 1 and in simplest form.





77. Numbers: 2, 3, 7, 8, 24

78. Numbers: 1, 2, 5, 9



81.







82. Numbers: 2, 3, 7, 21 ★







83. Numbers: 5, 7, 13, 28, 42 ★

FRS Sing OPNaz	PRACTICE	Place a "+" or "-" in each blank square to make true statements.
ors: +/-	84. $\frac{3}{5} \square \frac{1}{3} = \frac{4}{15}$	85. $\frac{1}{9}$ \square $\frac{2}{15} = \frac{11}{45}$
86.	$\frac{7}{8} \square \frac{1}{2} \square \frac{1}{8} = \frac{1}{2}$	87. $\frac{5}{12}$ \Box $\frac{1}{3}$ \Box $\frac{1}{2}$ = $\frac{1}{4}$
88.	$\frac{1}{2} \square \frac{1}{4} \square \frac{3}{5} = \frac{27}{20}$	89. $\frac{5}{6} \square \frac{1}{4} \square \frac{2}{5} = \frac{59}{60}$
90.	$\frac{13}{18} \square \frac{1}{2} \square \frac{1}{9} = \frac{1}{3}$	91. $\frac{11}{20}$ \square $\frac{19}{24}$ \square $\frac{4}{5}$ = $\frac{13}{24}$