

Subtracting Fractions with Denominators that are Multiples

Aim: To subtract fractions with denominators that are multiples of the same number.

Use the grids to help you solve the calculations.

Example: $\frac{2}{3} - \frac{1}{6} = \frac{3}{6}$



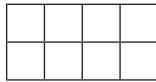
1. $\frac{1}{3} - \frac{1}{6} =$



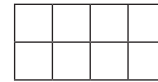
5. $\frac{7}{8} - \frac{1}{2} =$



2. $\frac{1}{4} - \frac{1}{8} =$



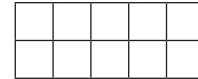
6. $\frac{5}{8} - \frac{1}{4} =$



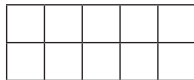
3. $\frac{3}{4} - \frac{5}{8} =$



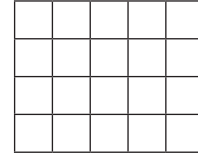
7. $\frac{7}{10} - \frac{1}{5} =$



4. $\frac{3}{5} - \frac{3}{10} =$

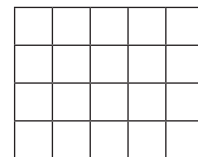


8. $\frac{13}{20} - \frac{2}{5} =$



Challenge

Using what you have learned, can you use this grid to write your own subtraction calculations involving two fractions with denominators that are multiples of the same number.

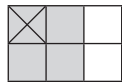


Subtracting Fractions with Denominators that are Multiples **Answers**

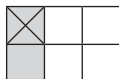
Aim: To subtract fractions with denominators that are multiples of the same number.

Use the grids to help you solve the calculations.

Example: $\frac{2}{3} - \frac{1}{6} = \frac{3}{6}$



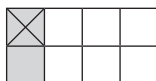
1. $\frac{1}{3} - \frac{1}{6} = \frac{1}{6}$



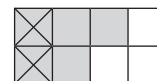
5. $\frac{7}{8} - \frac{1}{2} = \frac{3}{8}$



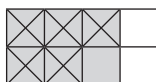
2. $\frac{1}{4} - \frac{1}{8} = \frac{1}{8}$



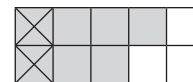
6. $\frac{5}{8} - \frac{1}{4} = \frac{3}{8}$



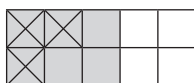
3. $\frac{3}{4} - \frac{5}{8} = \frac{1}{8}$



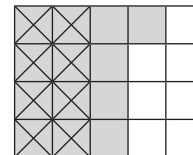
7. $\frac{7}{10} - \frac{1}{5} = \frac{5}{10} = \frac{1}{2}$



4. $\frac{3}{5} - \frac{3}{10} = \frac{3}{10}$



8. $\frac{13}{20} - \frac{2}{5} = \frac{5}{20} = \frac{1}{4}$



Challenge

Using what you have learned, can you use this grid to write your own subtraction calculations involving two fractions with denominators that are multiples of the same number.

Example answer: 

$$\frac{2}{3} - \frac{2}{6} = \frac{1}{3}$$

Example answer:

$$\frac{4}{10} - \frac{3}{20} = \frac{5}{20}$$

(which can be simplified to $\frac{1}{4}$)

