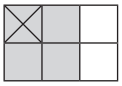
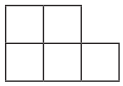
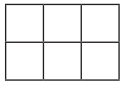
Subtracting Fractions with Denominators that are Multiples

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

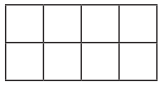
For the first fraction in each calculation, shade the correct number of columns. For the second fraction, put a cross in the correct number of shaded squares. Use the diagram to calculate the answer.

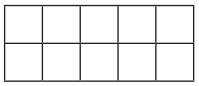
Example: $\frac{2}{3} - \frac{1}{6} = \frac{3}{6}$ 

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

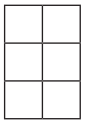
2. $\frac{1}{3} - \frac{1}{6} =$ 

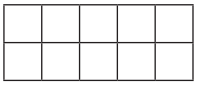
3. $\frac{1}{4} - \frac{1}{8} =$ 

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

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

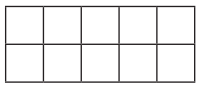
6. $\frac{3}{4} - \frac{1}{2} =$ 

7. $\frac{5}{6} - \frac{1}{2} =$ 

8. $\frac{9}{10} - \frac{4}{5} =$ 

Challenge

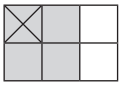
Using what you have learned, can you use this grid to write your own subtraction calculation involving two fractions with denominators that are multiples of 10.

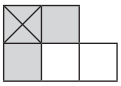


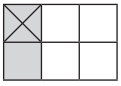
Subtracting Fractions with Denominators that are Multiples **Answers**

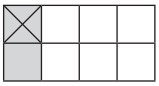
Aim: To subtract fractions with denominators that are multiples of the same number.

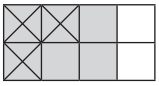
For the first fraction in each calculation, shade the correct number of columns. For the second fraction, put a cross in the correct number of shaded squares. Use the diagram to calculate the answer.

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

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

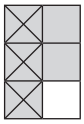
2. $\frac{1}{3} - \frac{1}{6} = \mathbf{\frac{1}{6}}$ 

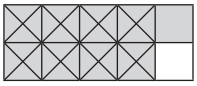
3. $\frac{1}{4} - \frac{1}{8} = \mathbf{\frac{1}{8}}$ 

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

5. $\frac{2}{5} - \frac{1}{10} = \mathbf{\frac{3}{10}}$ 

6. $\frac{3}{4} - \frac{1}{2} = \mathbf{\frac{1}{4}}$ 

7. $\frac{5}{6} - \frac{1}{2} = \mathbf{\frac{2}{6}}$ 

8. $\frac{9}{10} - \frac{4}{5} = \mathbf{\frac{1}{10}}$ 

Challenge

Using what you have learned, can you use this grid to write your own subtraction calculation involving two fractions with denominators that are multiples of 10.

Example answer:

$\mathbf{\frac{3}{5} - \frac{3}{10} = \frac{3}{10}}$