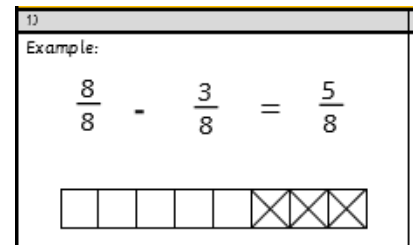# Subtracting Fractions

First of all- warm up your brains with the Flashback 4 card!

1.)Draw a bar model like the one below to help subtract the fractions (hint: draw the bigger fraction then cross out!)

1)
Example:

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

$$\frac{8}{8} - \frac{\square}{8} = \frac{4}{8} \qquad \frac{3}{3} - \frac{6}{8} = \frac{\square}{8} \qquad \Big| \qquad \frac{8}{8} - \frac{\square}{8} = \frac{1}{8}$$

2.) Complete these calculations mentally

a) $\frac{6}{8} - \frac{4}{8} =$
b) $\frac{12}{20} - \frac{5}{20} =$
c) $\frac{10}{12} - \frac{}{12} = \frac{2}{12}$

3.) Jack uses a bar model to subtract fractions.

$$2 - \frac{3}{4} = \frac{8}{4} - \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$$

Use Jack's method to calculate.

$3 - \frac{3}{4} =$
$3 - \frac{3}{8} =$
$3 - \frac{7}{8} =$
$3 - \frac{15}{8} =$

Subtract these mixed numbers.

$$2\frac{6}{10} - 1\frac{5}{10} = -$$

$$1\frac{5}{9} - \frac{12}{9} = -$$

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

In the magic square each row and column must add or subtract to make the same answer.

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