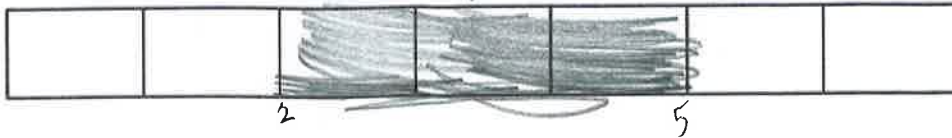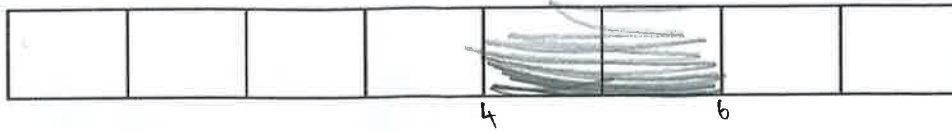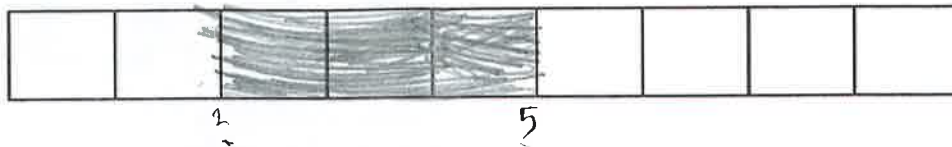| WALT: Subtract fractions	
🌶️	I can explain how to subtract fractions with the same denominator using the key language
🌶️	I can subtract fractions with the same denominator
🌶️	With support, I can subtract fractions with the same denominator

Use the bar models to show your working out:

$\frac{5}{7} - \frac{3}{7} = \boxed{\frac{2}{7}}$

2   5

$\frac{6}{8} - \frac{2}{8} = \boxed{\frac{4}{8}}$

4   6

$\frac{5}{9} - \frac{3}{9} = \boxed{\frac{2}{9}}$

2   5

$\frac{6}{7} - \frac{2}{7} = \boxed{\frac{4}{7}}$

$\frac{7}{10} - \frac{4}{10} = \boxed{\frac{3}{10}}$
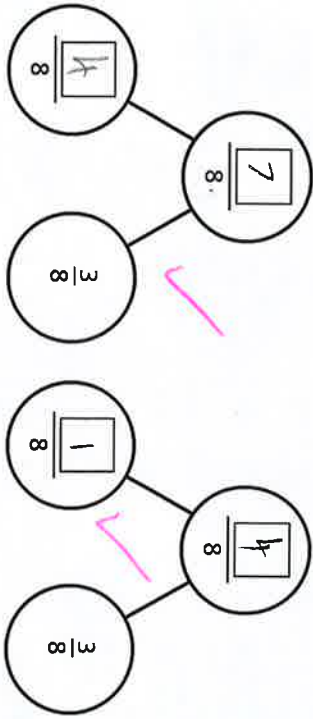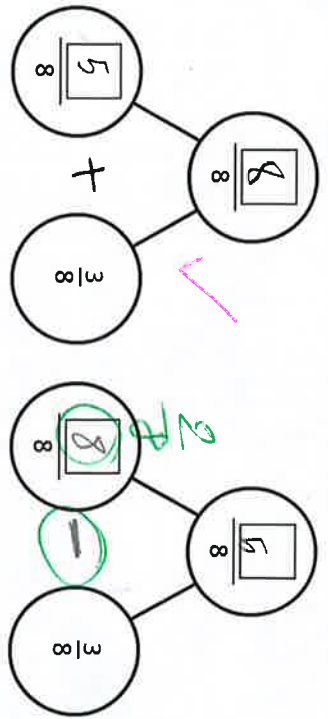
$\frac{5}{8} - \frac{2}{8} = \boxed{\frac{3}{8}}$

Choose from these words to complete the sentence: denominator, numerator, fraction, number

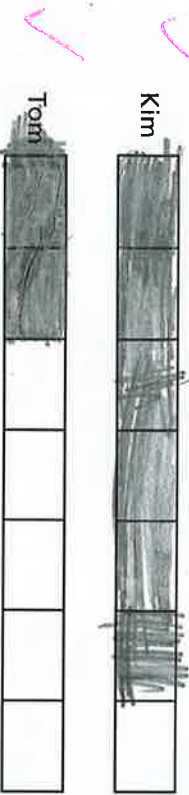When subtracting fractions,

we subtract the _____numerator_____

and keep the _____denominator_____ the same.

5 Complete the part-whole model in **four different ways**.

$\dfrac{[8]}{8}$ → $\dfrac{[5]}{8}$ and $\dfrac{3}{8}$ $+$

$\dfrac{[8]}{8}$ → $\dfrac{[7]}{8}$ and $\dfrac{1}{8}$

$\dfrac{[8]}{8}$ → $\dfrac{[6]}{8}$ and $\dfrac{3}{8}$ (green: 2)

$\dfrac{[4]}{8}$ → $\dfrac{[4]}{8}$ and $\dfrac{3}{8}$

6

Kim has read $\dfrac{6}{7}$ of her book.

Tom has read $\dfrac{2}{7}$ of his book.

a) Shade the bar models to represent this information.

Kim [bar model]

Tom [bar model]

b) How much more has Kim read than Tom?

Kim has read $\dfrac{[4]}{7}$ more of her book than Tom.

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7 Write the missing numerators.

a) $\dfrac{8}{9} - \dfrac{[\ ]}{9} = \dfrac{7}{9}$

b) $\dfrac{5}{11} - \dfrac{[\ ]}{11} = \dfrac{4}{11}$

c) $\dfrac{8}{9} = \dfrac{[1]}{9} + \dfrac{4}{9}$

d) $\dfrac{7}{9} - \dfrac{5}{9} = \dfrac{[6]}{9} - \dfrac{4}{9}$

e) $\dfrac{7}{10} - \dfrac{5}{10} = \dfrac{1}{10} + \dfrac{[\ ]}{10}$

f) $\dfrac{3}{4} - \dfrac{1}{4} = \dfrac{1}{4} + \dfrac{1}{4}$

g) $\dfrac{[\ ]}{5} - \dfrac{2}{5} = \dfrac{1}{5} + \dfrac{2}{5}$

h) $\dfrac{4}{5} + \dfrac{1}{5} = \dfrac{3}{7} - \dfrac{2}{7} + \dfrac{[4]}{7}$ (green: 7/6)

Pick one question. Prove you are correct using bar models.

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8 Complete the table to show three possible **values** of the square and triangle.

$\dfrac{\triangle}{92} - \dfrac{\blacksquare}{92} = \dfrac{13}{92}$

[table]

How many other answers can you find?