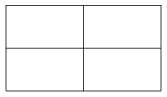
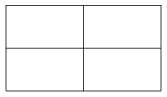
*I can subtract fractions with mixed numbers.*

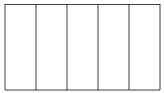
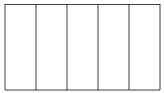
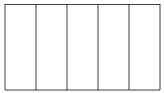
*Part 1 –Work out the subtraction calculations using the diagrams.*

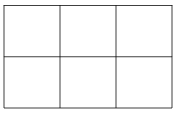
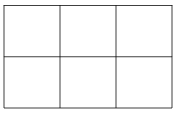
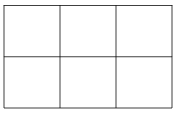
1.  *1 - =*

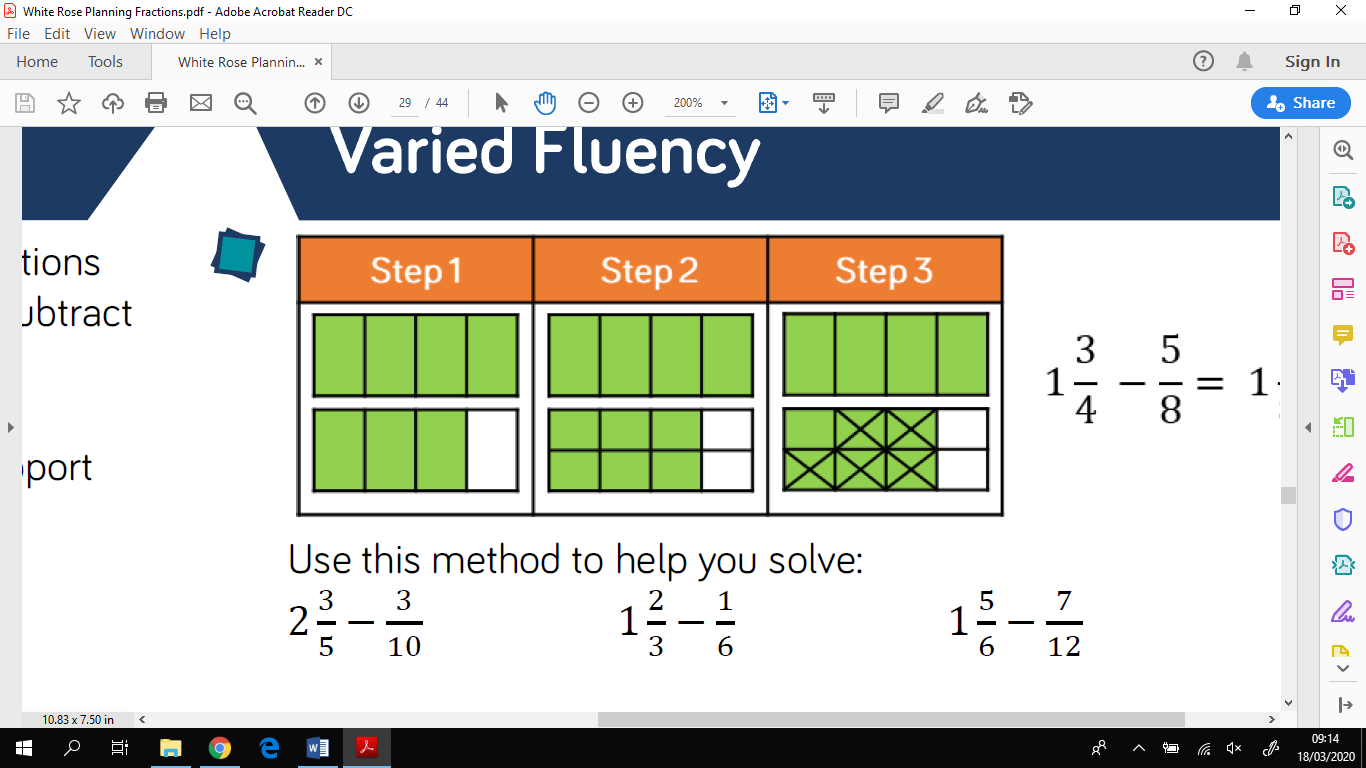
*b. 1 - =*

*c. 1 - =*

*d. 1 - =*

*e. 2 - =*

*f. 2 - =*

*E.g. 1 - = 1*

*Step 1 – Colour in the amount you have to start with*

*Step 2 – Separate the second rectangle into the amount of the second denominator*

*Step 3 – Cross out the amount you are subtracting (you may need to use the first block too)*

*Part 2 – Solve the problems by converting finding the same denominator. Show both answers, the improper and mixed number.*

*Step 1 – Change one of the fractions so that they both have the same denominator*

*Step 2 – Subtract the wholes first (if there are wholes with both fractions)*

*Step 3 – Subtract the fractions*

*Step 4 – Add the leftover whole and fraction together*

*E.g. = 3 3- 2 = 1 - = 1+ = 1*

*Part 3 – Calculate the answers to these problems.*

*Step 1 – Find the fraction that you started with*

*Step 2 – Find how many you are taking away*

*Step 3 – Figure out how much Annie has by subtracting*

*Step 4 – Use your addition knowledge to figure out how much they have all together (if you are unsure about the adding then leave this final section)*

*E.g. Rosie has 5 cm of ribbon.*

*Annie has cm less ribbon than Rosie.*

*How much ribbon does Annie have? 5 - = 5 = 5 5 - =*

*How much ribbon do they have altogether? 5 = 5 = 5 5 + =*

1. *Rosie has 6 cm of ribbon.*

*Annie has cm less ribbon than Rosie.*

*How much ribbon does Annie have?*

*How much ribbon do they have altogether?*

1. *Rosie has 8 cm of ribbon.*

*Annie has cm less ribbon than Rosie.*

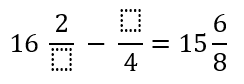
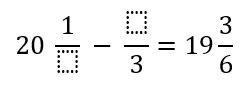
*How much ribbon does Annie have?*

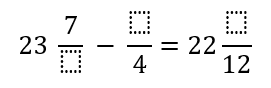
*How much ribbon do they have altogether?*

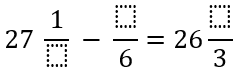
*Part 4 – Use your knowledge of subtraction to put the correct digit in the correct box – Try your best*

*Step 1 – Look carefully at the denominators to see if one of the numbers could be a denominator*

*Step 2 – Check using equivalent fractions that it works*

1. *Place the digits 2 and 8 in the correct box*
2. *Place the digits 6 and 2 in the correct box*
3. *Place the numbers 3, 10 and 12 in the correct box*



1. *Place the numbers 2, 3 and 4 in the correct box*

***Challenge*** *– You don’t have to do these questions, but do have a go if you feel comfortable with the previous maths or want to challenge yourself! Do let Miss T know if you manage them at* [*year5@stmarksce.org.uk*](mailto:year5@stmarksce.org.uk)

*a. There are three colours of dog biscuits in a bag of dog food: red, brown and orange.*

*The total mass of the dog food is 5kg.*

*The mass of red biscuits is 2kg and the mass of the brown biscuits is kg.*

*What is the mass of orange biscuits?*

*b. There are three colours of dog biscuits in a bag of dog food: red, brown and orange.*

*The total mass of the dog food is 7kg.*

*The mass of red biscuits is 3kg and the mass of the brown biscuits is kg.*

*What is the mass of orange biscuits?*