




LI	<u>WALT: Add Fractions within 1</u>	
	I can add together fractions that become larger than 1	
	I can add together 2 fractions within 1	
	I can use pictures to add together fractions	
Nasty Maths	<i>On flip</i>	

Nasty Maths

$$\frac{1}{7} + \frac{3}{7}$$

A) $\frac{4}{14}$

B) $\frac{4}{7}$

C) $\frac{2}{7}$

Explain your answer

Recap

Recognising Fractions

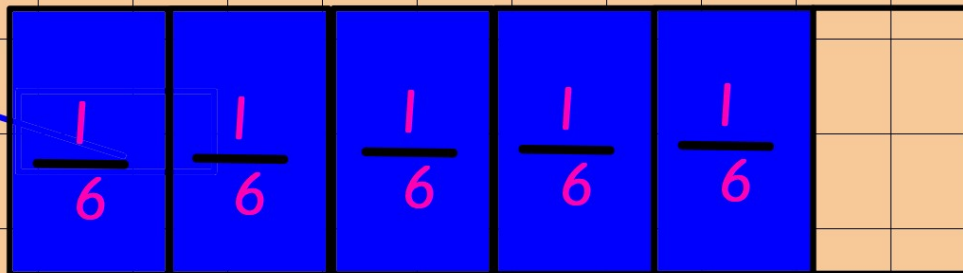
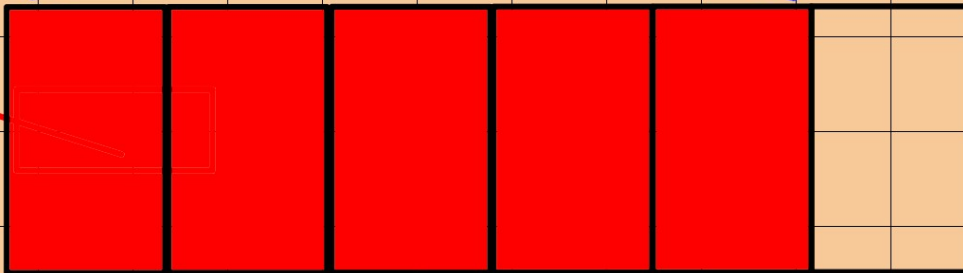


To find a fraction of an amount, I the amount by the of the fraction I want.

$$\frac{5}{6}$$

is the same as five $\frac{1}{6}$ s

$$\frac{5}{6}$$



So.....

3

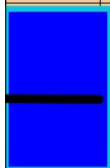
4 is the same as  1

4s

2

5 is the same as 2 

—

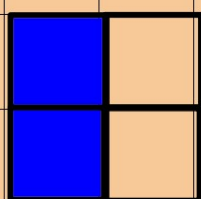


is the same as five 1

2

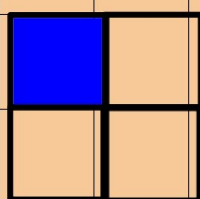
I do

"When adding fractions with the same denominators, just add the numerators."



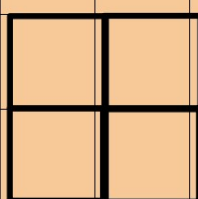
$$\frac{2}{4}$$

+



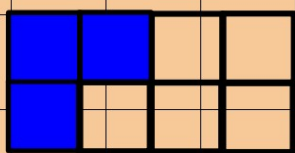
$$\frac{1}{4}$$

=

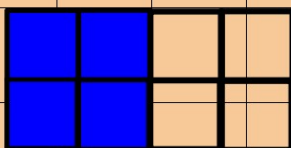


We do

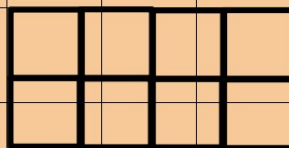
"When adding fractions with the same denominators, just add the numerators."



+



=

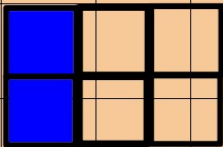


$$\frac{3}{8}$$

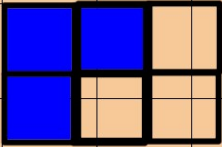
$$\frac{4}{8}$$

You do

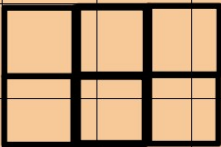
“When adding fractions with the same denominators, just add the numerators.”



+



=






$$\frac{2}{6}$$

$$\frac{3}{6}$$

Plenary

True or false

To add fractions with the same denominator you add the numerator and the denominator.

L2	<u>Subtract Fractions within 1</u>	
	I can subtract fractions from minuends that are bigger than 1	
	I can subtract fractions within 1	
	I can use pictures to subtract fractions	
Nasty Maths	On flip	

Recap

“When adding fractions with the same denominators, just the .

$$\frac{2}{5} + \frac{1}{5} =$$

Recognising Fractions



$\frac{3}{8}$

How many equal parts of the whole are needed?

How many equal parts are in the whole?

Nasty Maths

$$\frac{9}{12} - \frac{3}{12}$$

A) $\frac{12}{12}$

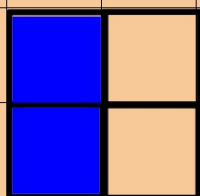
B) $\frac{6}{12}$

C) $\frac{6}{0}$

Explain your answer

I do

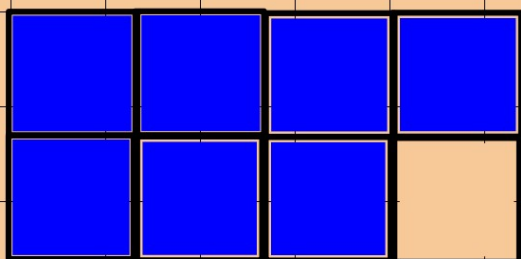
"When subtracting fractions with the same denominators, just subtract the numerators."



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

We do

“When subtracting fractions with the same denominators, just subtract the numerators.”



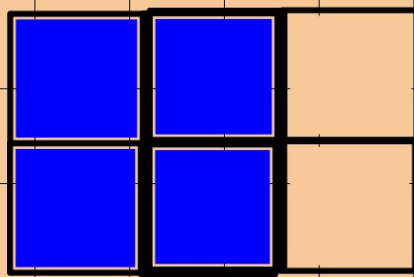
$$\begin{array}{r} 7 \\ \hline 8 \end{array}$$

−

$$\begin{array}{r} 4 \\ \hline 8 \end{array}$$

You do

“When subtracting fractions with the same denominators, just subtract the numerators.”






$$\frac{4}{6}$$

—

$$\frac{3}{6}$$

Spot the mistake!

$$\frac{4}{10} + \frac{3}{10} = \frac{7}{20}$$

L3	<u>WALT: Add and Subtract Fractions within 1</u>	
	I can add and subtract fractions	
	I can add and subtract fractions	
	I can add and subtract fractions using pictures	
Nasty Maths	No Nasty Maths	

Recap

“When adding fractions with the same denominators, just the .

$$\frac{2}{5} + \frac{1}{5} =$$

“When subtracting fractions with the same , just subtract the .

$$\frac{9}{10} - \frac{7}{10}$$

I do

Add and Subtract Fractions

Tim and Sarah are painting old chairs.

They use $\frac{3}{12}$ of a tin of paint on one chair and $\frac{5}{12}$ of a tin on another.

What fraction of the tin of paint did they use altogether?



We do

Add and Subtract Fractions

Peter loves to eat biscuits.

On Monday, he devours $\frac{2}{9}$ of a packet.

On Tuesday, he scoffs $\frac{4}{9}$ of a packet.

What fraction of the packet of biscuits does he eat altogether?



twinkl.com

You do

Add and Subtract Fractions

Meg is making cups of hot chocolate.

She uses $\frac{4}{10}$ of the packet of marshmallows in the first cup.

She uses $\frac{2}{10}$ of the packet of marshmallows in the second cup.

What fraction of the marshmallows are left over?



Plenary

Add or subtract?

Mr Harney eats $\frac{2}{10}$ of the pizza.

Mr Gilbert eats $\frac{3}{10}$ of the pizza.

How much of the pizza is left?

Tell me how you knew what to do.....

