Lo: To subtract fractions

Success Steps

Draw the bar model for one fraction.
Cross out the parts from the next fraction to subtract
Find how many wholes and how many parts.
Write as an improper fraction
Write as a mixed fraction

Starter

True or false?

3/8 - 2/8 = 5/8

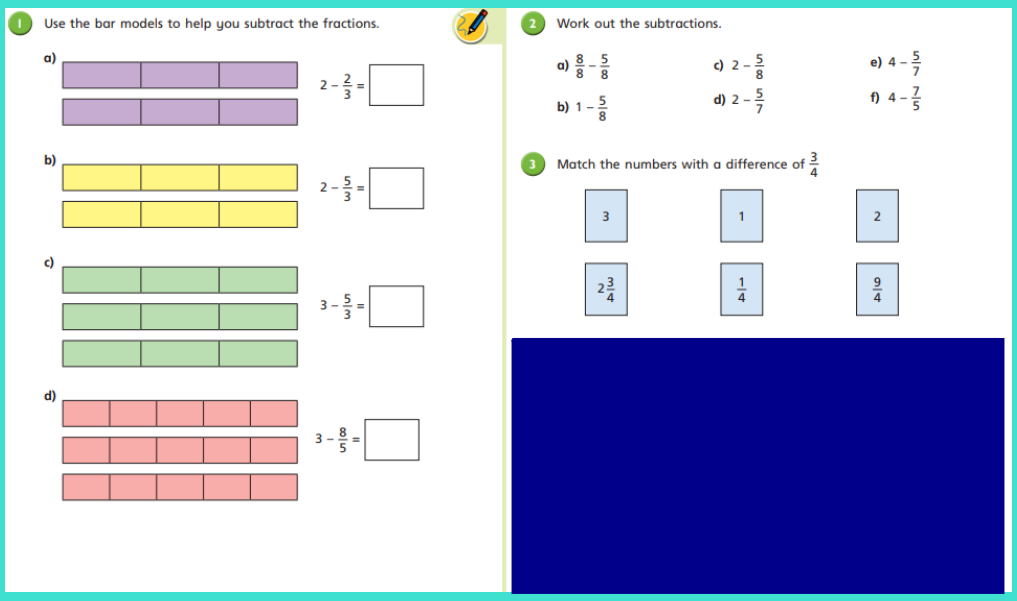
5/7 - 3/7 = 2/7

7/9 - 6/9 = 2/9

I/we do

Silent teacher

You do


1 Use the bar models to help you subtract the fractions.
a) $2-\frac{2}{3}=$
b) $2-\frac{5}{3}=$
c) $3-\frac{5}{3}=$
d) $3-\frac{8}{5}=$
2 Work out the subtractions.
a) $\frac{8}{8}-\frac{5}{8}$
b) $1-\frac{5}{8}$
c) $2-\frac{5}{8}$
d) $2-\frac{5}{7}$
e) $4-\frac{5}{7}$
f) $4-\frac{7}{5}$
3 Match the numbers with a difference of $\frac{3}{4}$
3
1
2
$2\frac{3}{4}$
$\frac{1}{4}$
$\frac{9}{4}$

I/we do

Silent teacher

You do

4 Aisha has 4 pies.



a) Aisha gives $\frac{5}{8}$ of a pie to Mo.

How many pies does Aisha have left?

b) Aisha then gives 2 pies to Jack.

Calculate the difference between how much pie Aisha now has and how much pie Mo has.

5 Alex is subtracting fractions.



Explain why Alex is incorrect.

6 Complete the calculations.

a) $3 - \square = 2\frac{3}{10}$

b) $4 - \square = 3\frac{3}{8}$

c) $\square - \frac{7}{12} = 3\frac{5}{12}$

d) $\square - \frac{5}{12} = 13\frac{7}{12}$

7 Teddy has 4 litres of juice and 3 jugs.



Teddy pours $\frac{3}{4}$ of a litre into each jug.

How much juice does Teddy have left?