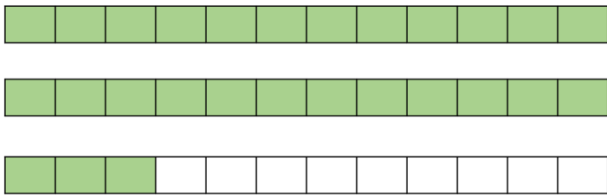
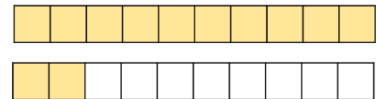


L.O. Subtract fractions from mixed numbers. Square Hexagon Remember to:	What I think	What my teacher thinks
Use a bar model to compare fractions.	☐	☐
Use a number line to compare fractions.	☐	☐
Use knowledge of factors and multiples to find a common denominator.	☐	☐
Subtract the numerators.	☐	☐
Look out for improper fractions.	☐	☐
Record mixed numbers, if needed.	☐	☐
Do me first: $540 \div 3 =$ $280 \div 10 =$		

$$2\frac{3}{12} - \frac{5}{12}$$



$$1\frac{1}{5} - \frac{7}{10} =$$

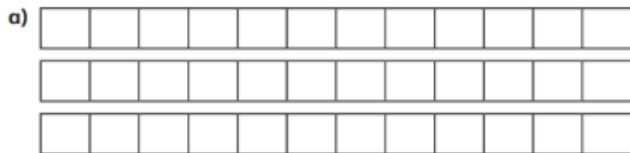


$$2\frac{1}{7} - \frac{6}{14} =$$

$$2\frac{6}{7} - \frac{1}{14} =$$

Complete the subtractions.

Use the bar models to help you.



$$2\frac{1}{2} - \frac{7}{12} = \square$$



$$2\frac{1}{3} - \frac{7}{12} = \square$$



$$2\frac{1}{4} - \frac{7}{12} = \square$$

Complete the subtractions.

a) $3\frac{1}{5} - \frac{7}{15} = \square$

d) $2\frac{1}{6} - \frac{5}{12} = \square$

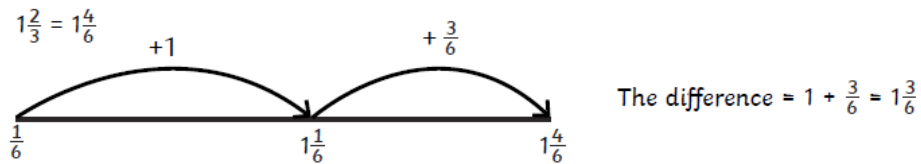
b) $3\frac{1}{16} - \frac{5}{8} = \square$

e) $3\frac{2}{9} - \frac{13}{18} = \square$

c) $4\frac{5}{12} - \frac{5}{6} = \square$

f) $3\frac{4}{9} - \frac{13}{27} = \square$

This number line shows how to find the difference between $1\frac{2}{3}$ and $\frac{1}{6}$.



Use a number line to find the difference between:

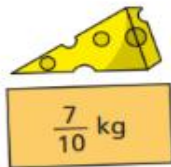
a) $2\frac{3}{5}$ and $\frac{3}{10} =$ _____

b) $3\frac{5}{6}$ and $\frac{7}{12} =$ _____

Here are some ingredients.



Potatoes



Cheese



Carrots

- How much more do the carrots weigh than the cheese?
- Jack uses $\frac{17}{20}$ kg of carrots.
How many kilograms of carrots does he have left?
- Jack uses all the cheese and the same amount of potatoes.
How much do the leftover potatoes weigh?

I have two whole pizzas and three quarters of another pizza. I eat five eighths of one of the pizzas. How much pizza is left?

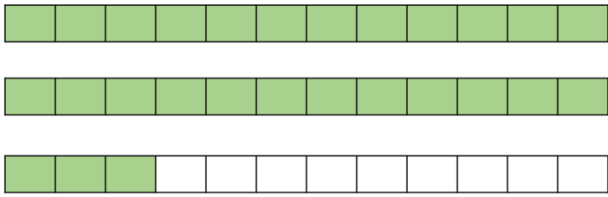
Isla has drawn a picture to represent this word problem and find the answer.



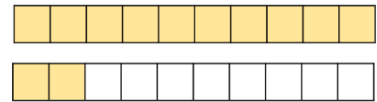
- Has she drawn her picture correctly? _____
- What is the answer that Isla found? _____

L.O. Subtract fractions from mixed numbers. Pentagon Quadrilateral Remember to:	What I think	What my teacher thinks
Use a bar model to compare fractions.	☐	☐
Use a number line to compare fractions.	☐	☐
Use knowledge of factors and multiples to find a common denominator.	☐	☐
Subtract the numerators.	☐	☐
Look out for improper fractions.	☐	☐
Record mixed numbers, if needed.	☐	☐
Do me first: $552 \div 12 =$ $294 \div 10 =$		

$$2\frac{3}{12} - \frac{5}{12}$$



$$1\frac{1}{5} - \frac{7}{10} =$$

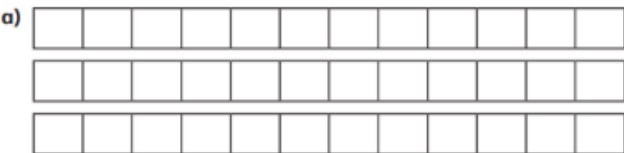


$$2\frac{1}{7} - \frac{6}{14} =$$

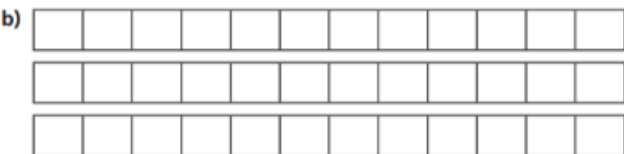
$$2\frac{6}{7} - \frac{1}{14} =$$

Complete the subtractions.

Use the bar models to help you.



$$2\frac{1}{2} - \frac{7}{12} = \boxed{}$$



$$2\frac{1}{3} - \frac{7}{12} = \boxed{}$$



$$2\frac{1}{4} - \frac{7}{12} = \boxed{}$$

Complete the subtractions.

a) $3\frac{1}{5} - \frac{7}{15} = \boxed{}$

d) $2\frac{1}{6} - \frac{5}{12} = \boxed{}$

b) $3\frac{1}{16} - \frac{5}{8} = \boxed{}$

e) $3\frac{2}{9} - \frac{13}{18} = \boxed{}$

c) $4\frac{5}{12} - \frac{5}{6} = \boxed{}$

f) $3\frac{4}{9} - \frac{13}{27} = \boxed{}$

I have two whole pizzas and three quarters of another pizza. I eat five eighths of one of the pizzas. How much pizza is left?

Isla has drawn a picture to represent this word problem and find the answer.



- a) Has she drawn her picture correctly? _____
- b) What is the answer that Isla found? _____

Eva is doing the long jump.

On her 1st attempt, she jumps $3\frac{2}{9}$ m.

Her 2nd attempt is $\frac{2}{3}$ m shorter than her first.

How far does Eva jump on her 2nd attempt?

Two children have tried to solve a calculation but they have both made a different mistake.

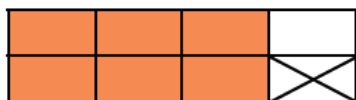
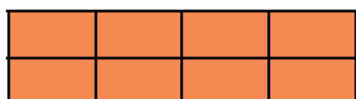
- a) Explain the mistake that Ashton made.

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



- b) Explain the mistake that Saqib made.

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



- c) Work out the correct answer.

$$1\frac{3}{4} - \frac{1}{8} = \underline{\hspace{2cm}}$$

$$1\frac{5}{6} - \frac{10}{12} = 1$$

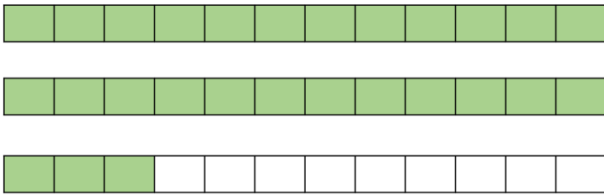


This answer is wrong. They have forgotten to write the fraction that comes after the whole.

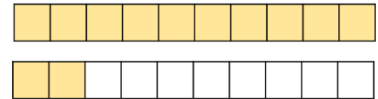
Do you agree with Katie? Explain your answer.

L.O. Subtract fractions from mixed numbers. Triangle Remember to:	What I think	What my teacher thinks
Use a bar model to compare fractions.	☐	☐
Use a number line to compare fractions.	☐	☐
Use knowledge of factors and multiples to find a common denominator.	☐	☐
Subtract the numerators.	☐	☐
Look out for improper fractions.	☐	☐
Record mixed numbers, if needed.	☐	☐
Do me first: $552 \div 10 =$ $294 \div 28 =$		

$$2\frac{3}{12} - \frac{5}{12}$$



$$1\frac{1}{5} - \frac{7}{10} =$$



$$2\frac{1}{7} - \frac{6}{14} =$$

$$2\frac{6}{7} - \frac{1}{14} =$$

Complete the subtractions.

Use the bar models to help you.



$$2\frac{1}{2} - \frac{7}{12} = \boxed{}$$



$$2\frac{1}{3} - \frac{7}{12} = \boxed{}$$



$$2\frac{1}{4} - \frac{7}{12} = \boxed{}$$

Complete the subtractions.

a) $3\frac{1}{5} - \frac{7}{15} = \boxed{}$

d) $2\frac{1}{6} - \frac{5}{12} = \boxed{}$

b) $3\frac{1}{16} - \frac{5}{8} = \boxed{}$

e) $3\frac{2}{9} - \frac{13}{18} = \boxed{}$

c) $4\frac{5}{12} - \frac{5}{6} = \boxed{}$

f) $3\frac{4}{9} - \frac{13}{27} = \boxed{}$

The difference between a mixed number and a fraction is $\frac{7}{8}$

The fraction has a denominator of 16

What could the mixed number and the fraction be?

Give two possible answers.

Fill in the missing digits to complete the calculations.

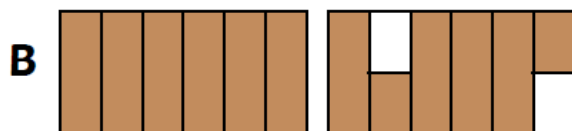
a) $1 \frac{\square}{5} + \frac{5}{10} = 1 \frac{9}{10}$

b) $3 \frac{1}{4} + \frac{\square}{\square} = 3 \frac{3}{4}$

c) $3 \frac{\square}{3} + \frac{3}{\square} = 4$

d) Find all the possible ways to complete this calculation: $3 \frac{\square}{12} + \frac{1}{\square} = 3 \frac{11}{12}$

Angelica ate the shaded fraction of chocolate shown in A. Keenan ate the shaded fraction of chocolate shown in B. All the bars are the same size.



As a fraction of a bar of chocolate, how much more did Keenan eat than Angelica? Give your answer in its simplest form.