

# Mixed addition and subtraction

1 Work out the calculations.

a)  $\frac{2}{5} + \frac{3}{4} =$

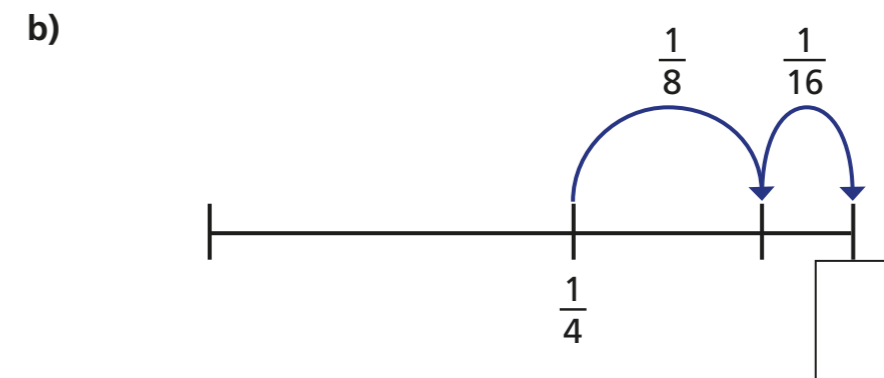
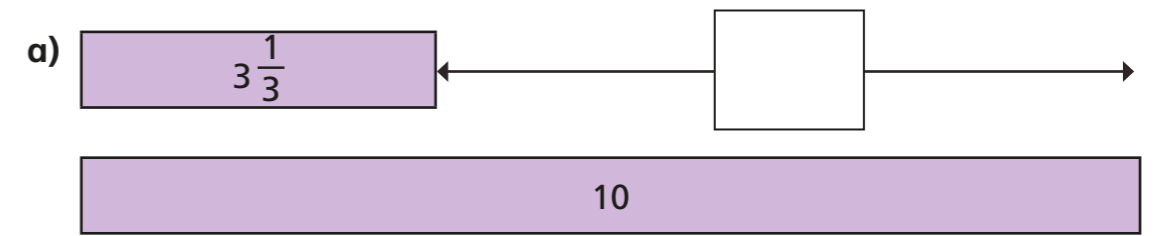
b)  $2\frac{1}{4} - \frac{2}{3} =$

c)  $3\frac{7}{10} - 2\frac{1}{4} =$

2 Complete the calculation.

$$\frac{5}{6} + 1\frac{2}{9} - \frac{1}{2} =$$

3 Work out the missing fractions.



4 Complete the calculations.

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

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

c)  $\frac{2}{5} + \frac{1}{5} +$    $= \frac{4}{3}$

d)  $\frac{4}{5} =$    $- \frac{4}{5}$

5 Which of these are true and which are false?

Can you decide without having to do the additions or the subtractions?

Talk about your reasons with a partner.

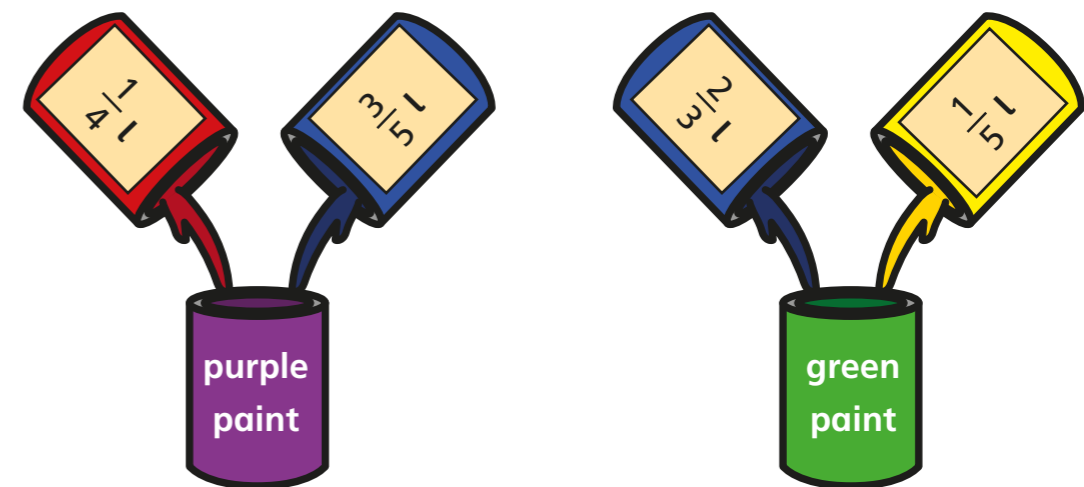
	True or false?
$2\frac{1}{3} + 3\frac{3}{4}$ is equal to $3\frac{1}{3} + 2\frac{3}{4}$	
$3\frac{3}{4} - \frac{1}{3}$ is less than $4\frac{3}{4} - 1\frac{1}{3}$	
$3\frac{3}{4} - 2\frac{1}{3}$ is equal to $3\frac{1}{3} - 2\frac{3}{4}$	



6 Complete the addition grid.

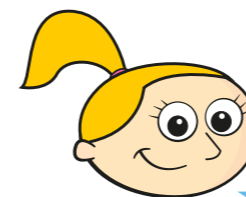
$1\frac{1}{4}$		$\frac{1}{4}$	$= 3\frac{3}{5}$
$\frac{1}{25}$	$1\frac{3}{20}$		$= 3\frac{39}{100}$
	$1\frac{1}{50}$	$1\frac{3}{100}$	$= 5\frac{9}{20}$
<input type="text"/>	<input type="text"/>	<input type="text"/>	

7 A painter uses the following mixtures.  
How much more green paint does she have than purple paint?




8 Eva and Amir are working out this calculation.

$$\frac{1}{4} + \frac{25}{100} - \frac{2}{8} - \frac{9}{36}$$



This is going to be very difficult, because I can't find a common denominator.



I have found an easier way.

Find Amir's solution. Explain how this calculation can be solved.

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