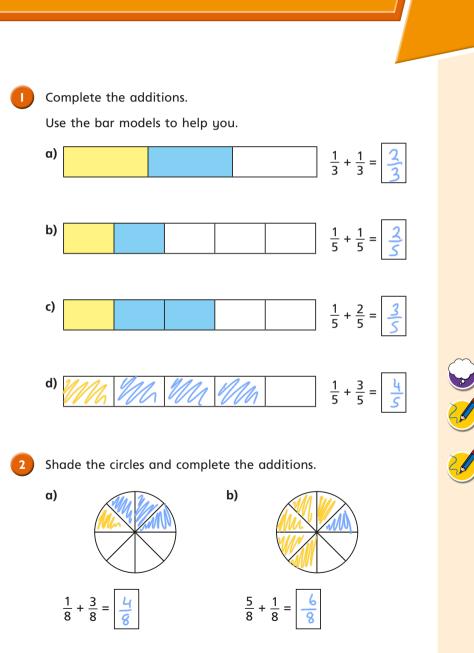
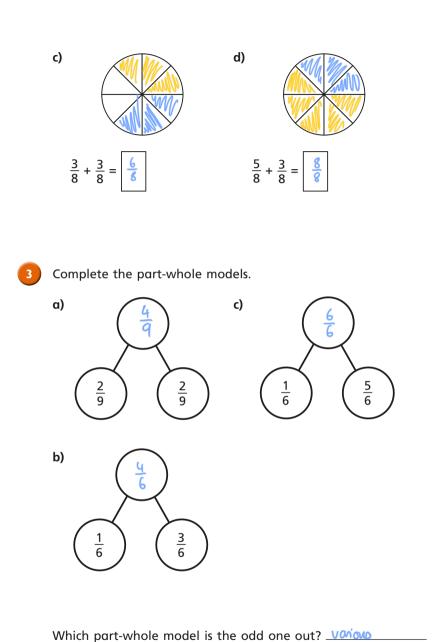
## Add fractions



White R⊚se Maths



Talk about your choice with a partner. Did they choose the same odd one out?



Alex and Huan are eating a cake. Alex eats  $\frac{4}{7}$  of the cake. Huan eats  $\frac{2}{7}$  of the cake. What fraction of the cake have they eaten altogether?

They have eaten  $\left|\frac{4}{7}\right|$  of the cake altogether.

Teddy is adding fractions.

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

a) Draw a bar model to show that Teddy is wrong.

Mh Mh  $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$  not  $\frac{3}{8}$ **b)** Complete the addition  $\frac{1}{4} + \frac{2}{4} = \begin{vmatrix} \frac{3}{4} \end{vmatrix}$ 

Annie has baked 12 muffins.



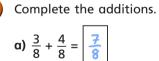
She puts them into 2 boxes.

What fraction of the muffins could she put in each box? Complete the table to show four possibilities.

One has been done for you.

Box 1	Box 2
1 12 2 12	<u>11</u> 12
212	10 12
3 12	9
4	8 12
হার	3
6	<u>6</u> 12

Are there any other possibilities? Talk about it with a partner.



**d)**  $\frac{3}{103} + \frac{4}{103} = \frac{7}{103}$ 

**e)**  $\frac{5}{31} + \frac{9}{31} = \frac{14}{31}$ 

**b)**  $\frac{3}{9} + \frac{4}{9} = \frac{7}{9}$ 



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