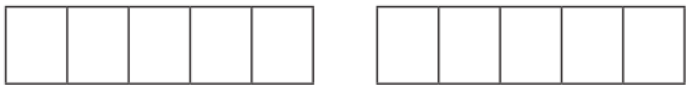
Complete the calculations.

Use the bar models to help you.

a)



$\frac{4}{5} + \frac{3}{5} = \square = \square$

b)

$\frac{6}{5} + \frac{3}{5} = \square = \square$

$\frac{3}{8} + \frac{\square}{8} = \frac{13}{8}$

$\frac{13}{8} - \frac{\square}{8} = \frac{7}{8}$

$\frac{13}{8} - \frac{\square}{8} = 1$

$\frac{11}{9} + \frac{\square}{9} = \frac{22}{9} = 2\frac{\square}{9}$

$\frac{11}{9} + \frac{\square}{9} = \frac{\square}{9} = 2\frac{2}{9}$

$\frac{22}{9} - \frac{\square}{9} = \frac{\square}{9} = 2\frac{2}{9}$

Here are some fraction cards.

$\frac{9}{8}$	$\frac{13}{8}$	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{3}{8}$	$1\frac{7}{8}$

Use the cards to write pairs of fractions with a total of 2

$\square + \square = 2$

$\square + \square = 2$

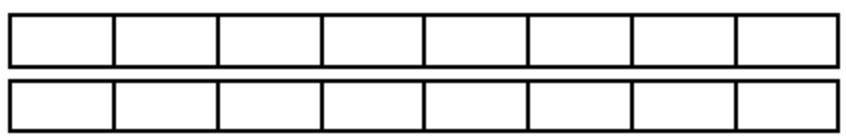
$\square + \square = 2$

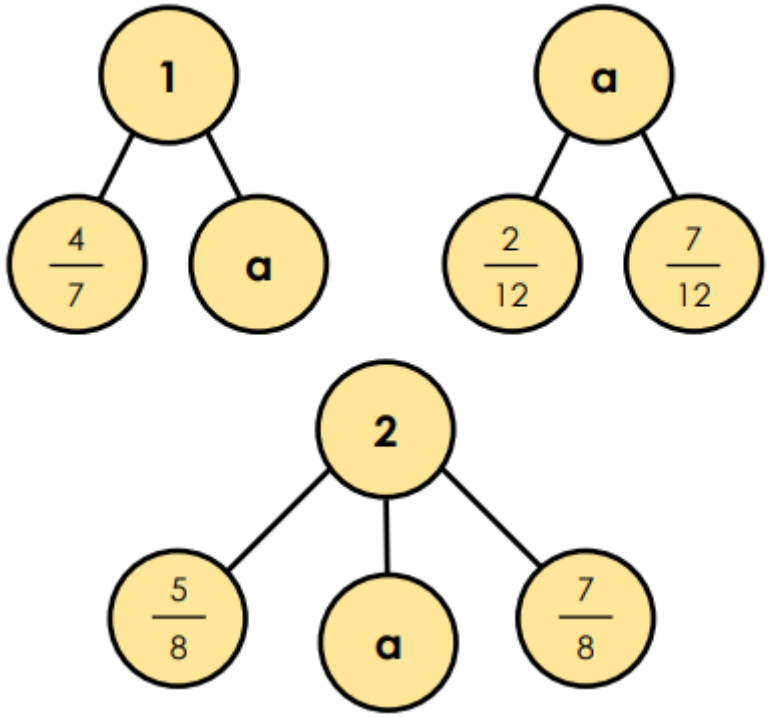
Use and fill in the bar models below to add the fractions:

2/5 + 1/5 =

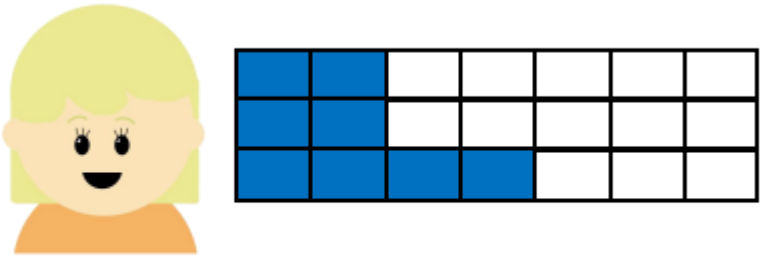
7/6 + 4/6 =

9/8 + 3/8 =





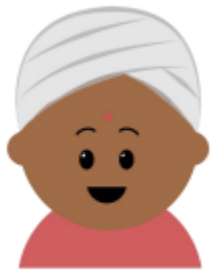
Jane is calculating 2/7 + 2/7 using bar modelling.



She says the sum is 8/21

Do you agree? Explain your reasoning.

Ranjit is solving the following calculation...



$$\frac{4}{7} + \frac{2}{7} + \frac{2}{7} = ?$$

He thinks the denominator will be 27 as 9 + 9 + 9 = 27.
Do you agree with him?