

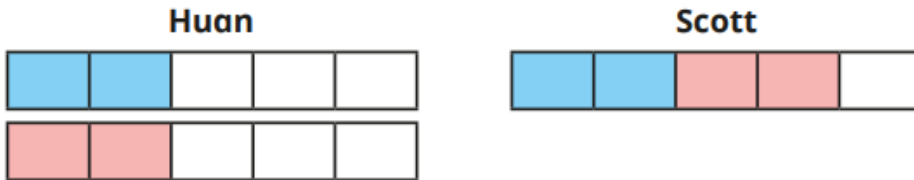
# Add two or more fractions

Take two identical strips of paper.

Fold each strip in half and then in half again to make quarters.

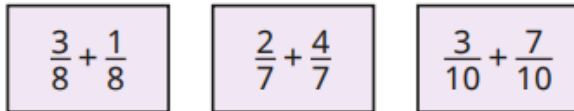
Use the strips to work out  $\frac{1}{4} + \frac{1}{4}$

Huan and Scott use bar models to represent  $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$



Are their methods the same or different?

Use your preferred method to work out the additions.



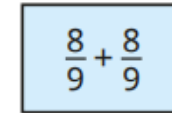
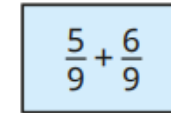
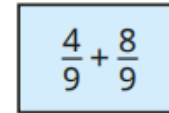
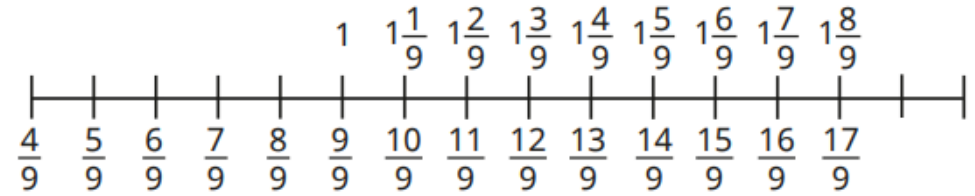
Dani uses bar models to show that  $\frac{3}{5} + \frac{4}{5} = \frac{7}{5} = 1\frac{2}{5}$



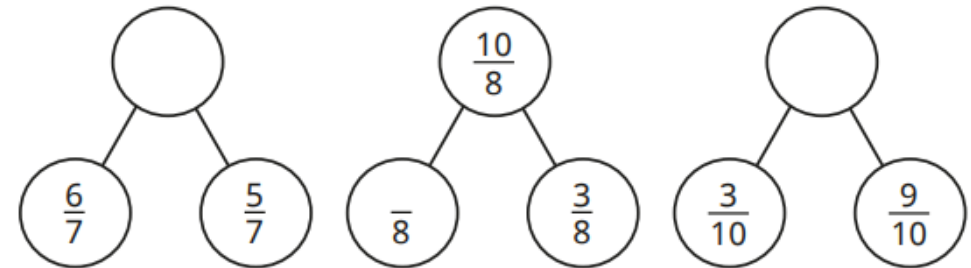
Use Dani's method to work out the additions.



Use the number line to add the fractions.



Complete the part-whole models.



Filip walks  $\frac{7}{10}$  km to school.

After school, he walks  $\frac{9}{10}$  km to Aisha's house.

How far has Filip walked in total?