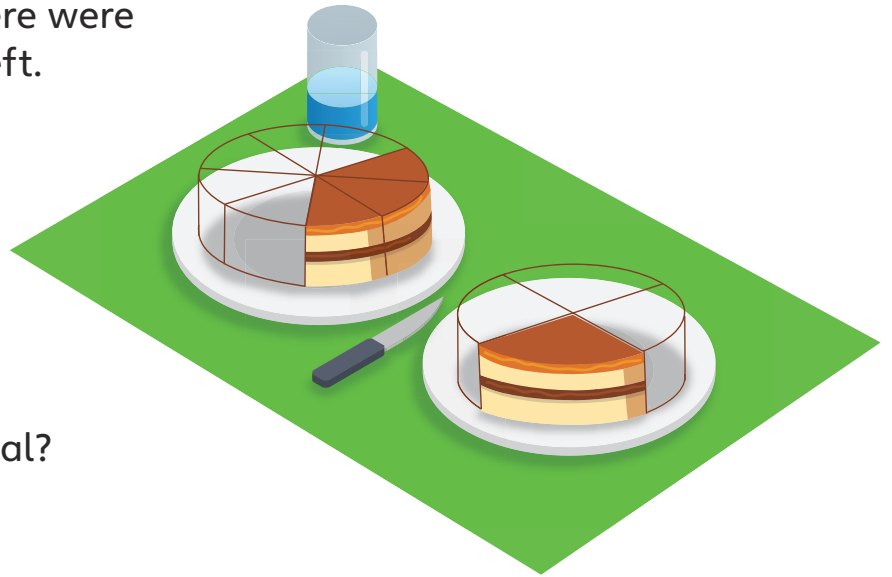
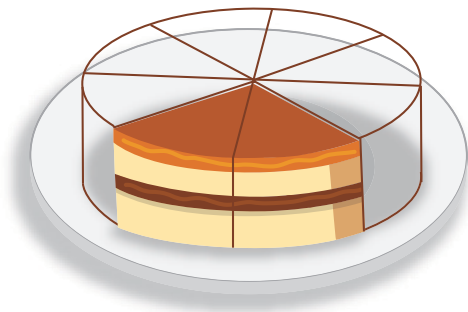


Think together

- 1 At the start of the party there were two cakes. Here is what is left.



How much cake is left in total?



$$\frac{1}{4} = \frac{\square}{8}$$

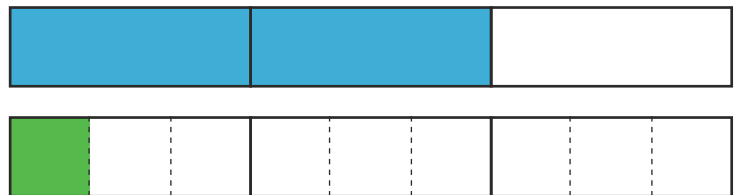
$$\frac{1}{4} + \frac{3}{8} = \frac{\square}{8} + \frac{3}{8} = \frac{\square}{8}$$

There is $\frac{\square}{8}$ cake left in total.

- 2 Use the fraction strips to work out $\frac{2}{3} + \frac{1}{q}$.

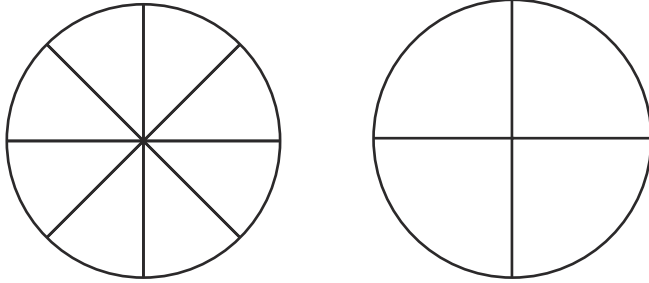
$$\frac{2}{3} = \frac{\square}{q}$$

$$\frac{2}{3} + \frac{1}{q} = \frac{\square}{q} + \frac{\square}{q} = \frac{\square}{q}$$



CHALLENGE

- 3 a) Use the diagrams to work out $\frac{1}{8} + \frac{3}{4}$.



Write your answer, then explain your method to a friend.

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

- b) Use your own diagrams to solve these calculations:

$$\frac{7}{8} - \frac{1}{2} = \frac{\square}{\square}$$

$$\frac{4}{15} + \frac{1}{5} = \frac{\square}{\square}$$

$$\frac{5}{6} - \frac{7}{12} = \frac{\square}{\square} = \frac{\square}{\square}$$

First I will find a common denominator. Then I will use my knowledge of equivalent fractions.

I will cross out the parts on my diagram as I subtract, to help me keep track.

