Think together

1 At the start of the party there were two cakes. Here is what is left.
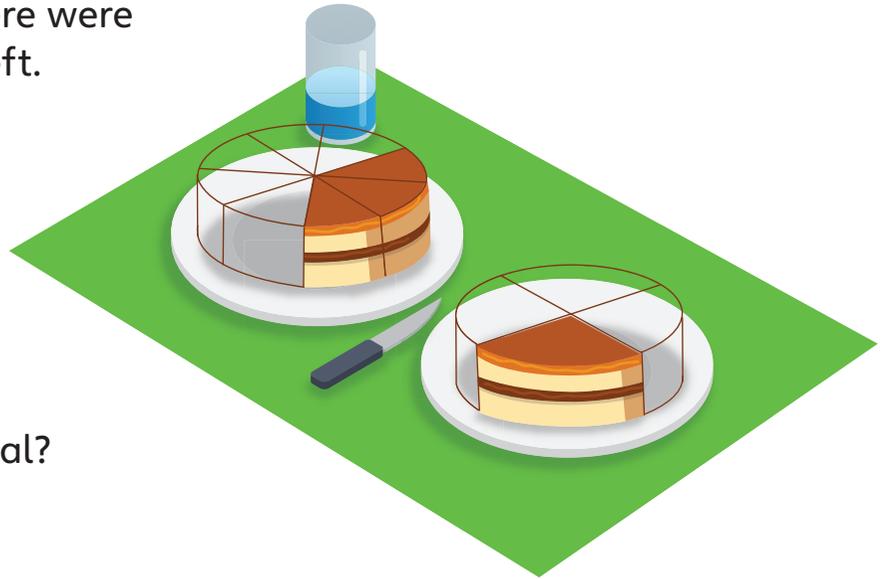
How much cake is left in total?
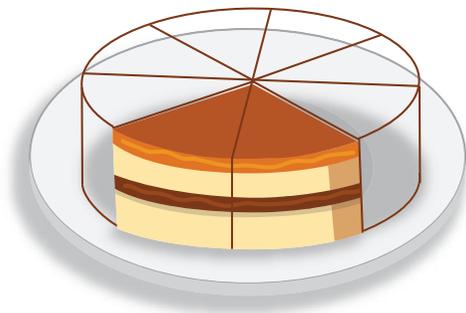
$$\frac{1}{4} = \frac{\boxed{}}{8}$$

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

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

2 Use the fraction strips to work out $\frac{2}{3} + \frac{1}{9}$.

$$\frac{2}{3} = \frac{\boxed{}}{9}$$

$$\frac{2}{3} + \frac{1}{9} = \frac{\boxed{}}{9} + \frac{\boxed{}}{9} = \frac{\boxed{}}{9}$$

CHALLENGE

3 **a)** Use the diagrams to work out $\frac{1}{8} + \frac{3}{4}$.
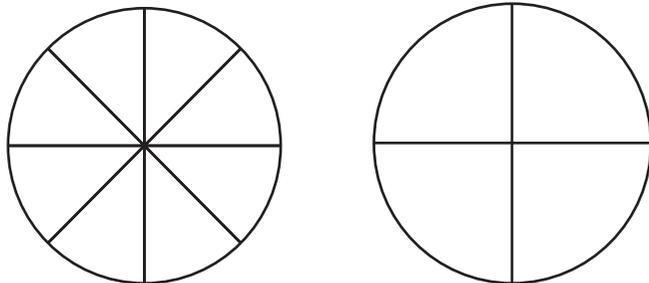
Write your answer, then explain your method to a friend.

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

b) Use your own diagrams to solve these calculations:

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

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

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

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.

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➜ **Practice book 5B p71**