Think together

1 Lexi has some string which is $5\frac{1}{4}$ cm long. Lexi cuts off a piece that is $2\frac{7}{8}$ cm long.

How long is the string that is left?

$$5\frac{1}{4} - 2\frac{7}{8} = \frac{\boxed{}}{4} - \frac{\boxed{}}{8}$$

$$= \frac{\boxed{}}{8} - \frac{\boxed{}}{8}$$

$$= \frac{\boxed{}}{8}$$

$$= \boxed{}\frac{\boxed{}}{8}$$

2 **a)** Work out $2\frac{11}{12} - 2\frac{3}{4}$.

$$2\frac{11}{12} - 2\frac{3}{4} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

How can you use your answer from part a) to work out these subtractions?

b) $3\frac{11}{12} - 2\frac{3}{4}$

c) $2\frac{11}{12} - 1\frac{3}{4}$

d) $12\frac{11}{12} - 2\frac{3}{4}$

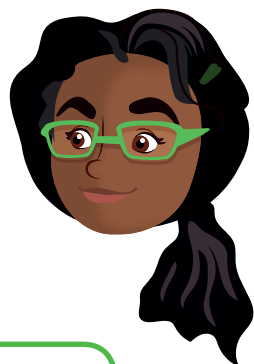**e)** $2\frac{10}{12} - 1$

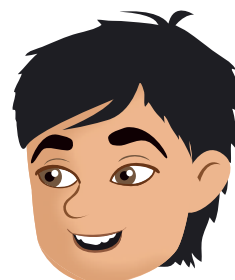**3** Bella and Aki are working out this subtraction:

$96 \frac{4}{9} - 85 \frac{2}{3}$

I am going to convert each mixed number to an improper fraction.

Bella

I do not think this is the best method for these fractions.

Aki

a) Do you agree or disagree with Aki?

b) What is the answer to the question?

I am going to subtract the whole numbers first.