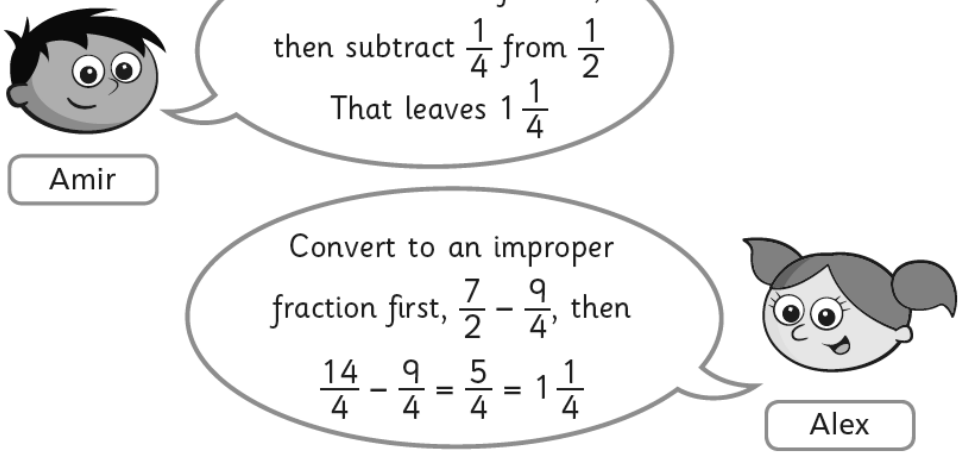
9.2.21

L.O. To subtract two mixed numbers

1. Amir and Alex are working out $3\frac{1}{2} - 2\frac{1}{4}$



Whose method do you prefer?

2. Use your preferred method to complete the subtractions.

a) $4\frac{4}{5} - 2\frac{3}{10} =$ ☐

b) $3\frac{5}{8} - 1\frac{1}{4} =$ ☐

c) $16\frac{1}{2} - 5\frac{1}{4} =$ ☐

d) $10\frac{5}{6} - 5\frac{5}{12} =$ ☐

3. Car A travels for $15\frac{1}{4}$ miles.

Car B travels for $21\frac{5}{12}$ miles.

How much further does Car B travel than Car A?

Car B travels ☐ miles further than Car A.

4. Here are some number cards.

$3\frac{1}{12}$	$4\frac{1}{2}$	$2\frac{5}{24}$	$4\frac{5}{6}$

a) Use two of the number cards to find the smallest difference.

☐ − ☐ = ☐

b) Use two of the number cards to find the difference closest to 2

☐ − ☐ = ☐

5. A marathon is $26\frac{1}{5}$ miles.

Dexter has run $18\frac{1}{10}$ miles.

Eva has run $19\frac{3}{5}$ miles.

a) How much further has Eva run than Dexter?

☐ miles

b) How much further does Eva need to run to complete the marathon?

☐ miles