1 Complete the subtractions.

Use bar models to help you.
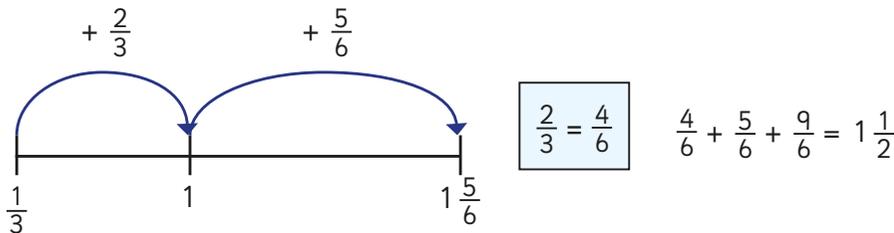
a) $\dfrac{15}{8} - \dfrac{1}{2} = \boxed{}$ **b)** $1\dfrac{7}{8} - \dfrac{3}{4} = \boxed{}$ **c)** $1\dfrac{1}{2} - \dfrac{3}{8} = \boxed{}$

2 Dexter and Whitney are using number lines to work out $1\dfrac{5}{6} - \dfrac{1}{3}$

Dexter's method

$\boxed{\dfrac{1}{3} = \dfrac{2}{6}}$

$+1$ $+\dfrac{3}{6}$

$\dfrac{2}{6}$ $1\dfrac{2}{6}$ $1\dfrac{5}{6}$

$1 + \dfrac{3}{6} = 1\dfrac{1}{2}$

Whitney's method

$+\dfrac{2}{3}$ $+\dfrac{5}{6}$

$\dfrac{1}{3}$ 1 $1\dfrac{5}{6}$

$\boxed{\dfrac{2}{3} = \dfrac{4}{6}}$ $\dfrac{4}{6} + \dfrac{5}{6} + \dfrac{9}{6} = 1\dfrac{1}{2}$
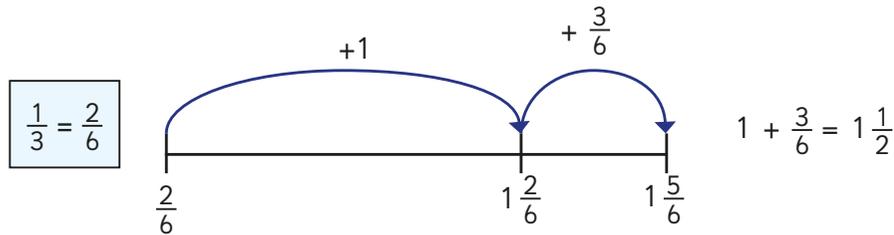
What is the same and what is different about these methods?

Use one of the methods to work out $1\dfrac{5}{8} - \dfrac{3}{16}$

3 Complete the subtractions.

a) $3\dfrac{1}{4} - \dfrac{5}{24} = \boxed{}$ **d)** $7\dfrac{5}{6} - \dfrac{13}{24} = \boxed{}$

b) $3\dfrac{3}{16} - \dfrac{1}{8} = \boxed{}$ **e)** $4\dfrac{4}{9} - \dfrac{4}{27} = \boxed{}$

c) $2\dfrac{5}{6} - \dfrac{2}{3} = \boxed{}$ **f)** $6\dfrac{11}{12} - \dfrac{3}{4} = \boxed{}$

4 A jug contains $1\dfrac{3}{5}$ litres of orange juice.

Eva pours $\dfrac{4}{15}$ litres into a glass.

How much orange juice is left in the jug?

5 Find three different ways to complete the calculation.

$3\dfrac{\boxed{}}{5} - \dfrac{\boxed{}}{20} = 3\dfrac{1}{20}$

Are there any other ways to complete this calculation?

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a) $3\frac{1}{4} - \frac{5}{24} = \boxed{}$

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$$3\frac{\boxed{}}{5} - \frac{\boxed{}}{20} = 3\frac{1}{20}$$

Are there any other ways to complete this calculation?

6 Three children take part in throwing competitions.

Here is the table of results.

	Javelin	Shot Put	Discus
Dexter	$15\frac{1}{4}$ m	$7\frac{5}{12}$ m	
Amir	$13\frac{3}{8}$ m		$12\frac{7}{8}$ m
Annie		9 m	$11\frac{5}{12}$ m

Use the clues to complete the table.

- Annie's javelin throw is $\frac{11}{12}$ m less than Dexter's.

- Amir's shot put throw is $\frac{3}{4}$ m less than Annie's.

- Dexter's discus throw is $\frac{1}{2}$ m less than Amir's.