

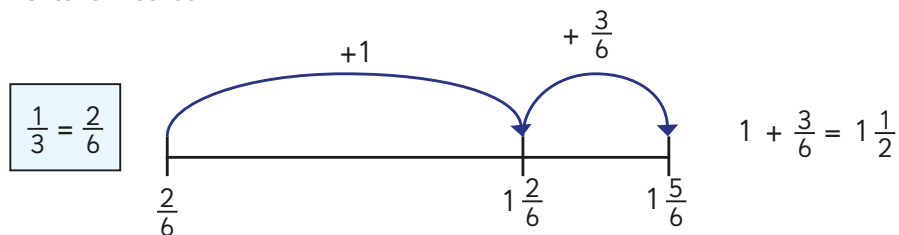
1 Complete the subtractions.

Use bar models to help you.

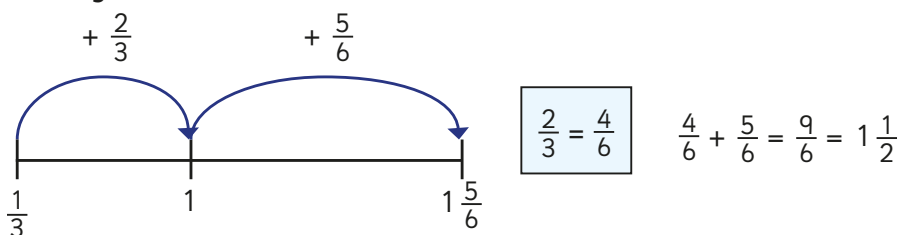
a) $\frac{15}{8} - \frac{1}{2} = \square$ b) $1\frac{7}{8} - \frac{3}{4} = \square$ c) $1\frac{1}{2} - \frac{3}{8} = \square$

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

Dexter's method



Whitney's method



What is the same and what is different about these methods?

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

3 Complete the subtractions.

a) $3\frac{1}{4} - \frac{5}{24} = \square$ d) $7\frac{5}{6} - \frac{13}{24} = \square$
 b) $3\frac{3}{16} - \frac{1}{8} = \square$ e) $4\frac{4}{9} - \frac{4}{27} = \square$
 c) $2\frac{5}{6} - \frac{2}{3} = \square$ f) $6\frac{11}{12} - \frac{3}{4} = \square$

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

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

How much orange juice is left in the jug?



5 Find three different ways to complete the calculation.

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

Are there any other ways to complete this calculation?

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

d) $7\frac{5}{6} - \frac{13}{24} = \square$

b) $3\frac{3}{16} - \frac{1}{8} = \square$

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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.