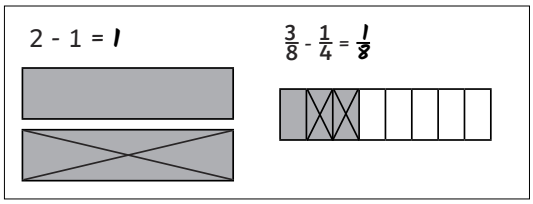
1) a) $2\frac{3}{8} - 1\frac{1}{4} = 1\frac{1}{8}$



b) $3\frac{2}{3} - 2\frac{1}{6} = 1\frac{3}{6} = 1\frac{1}{2}$

c) $4\frac{3}{5} - 3\frac{3}{10} = 1\frac{3}{10}$

2) a) $2\frac{3}{4} - 1\frac{7}{8} = 1\frac{7}{4} - 1\frac{7}{8} = 1\frac{14}{8} - 1\frac{7}{8} = \frac{7}{8}$

b) $4\frac{1}{3} - 2\frac{5}{9} = 3\frac{4}{3} - 2\frac{5}{9} = 3\frac{12}{9} - 2\frac{5}{9} = 1\frac{7}{9}$

3) $2\frac{3}{4} - 1\frac{5}{8} = 1\frac{1}{8}$ metres

1) a) Martha did not realise she had to find a common denominator in order to subtract the fractions. Instead, she swapped the numbers and tried to subtract $\frac{2}{5}$ from $\frac{3}{10}$ without finding a common denominator. She should have converted $\frac{2}{5}$ to $\frac{4}{10}$, and then solved the calculation, $3\frac{4}{10} - 3\frac{3}{10}$.

b) $\frac{1}{10}$

2) A = $1\frac{3}{6} = 1\frac{1}{2}$

B = $\frac{1}{8}$

C = $1\frac{8}{9}$

Possible answers:

A is the odd one out because the answer can be simplified.

B is the odd one out because the answer is less than 1.

C is the odd one out because it breaks the whole.

3) Accept any word problem written that uses the calculation $2\frac{1}{2} - 1\frac{1}{4}$.

1) $10 - 4\frac{2}{5} = 5\frac{3}{5}$

The distances must total $5\frac{3}{5}$. There are lots of different possible answers. For example:

She could have hiked $2\frac{1}{10}$ miles on Saturday and $3\frac{1}{2}$ miles on Sunday.

2) $3\frac{1}{8} - 2\frac{3}{4} = \frac{3}{8}$

3) $5\frac{2}{3} - 1\frac{4}{6} = 4$