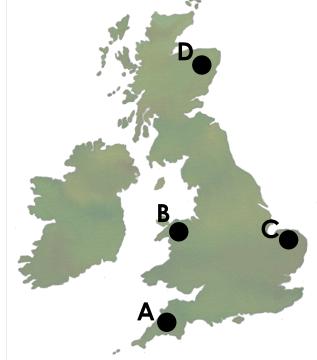
Add Mixed Numbers

1. Frasier and Ellan are going on holiday. They want to visit two places but want to use 5 or less tanks of petrol to get to their final destination.

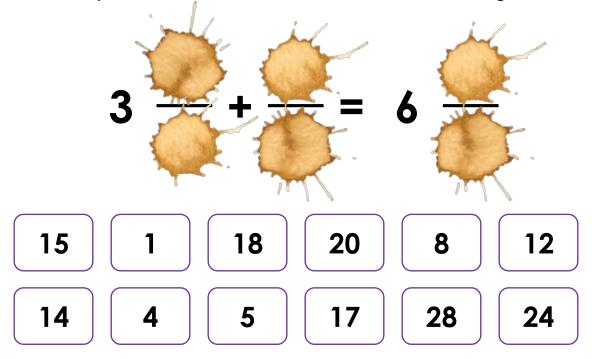
Route	Petrol needed
A to B or B to A	$1\frac{2}{5}$ tanks
A to C or C to A	$1\frac{9}{11}$ tanks
A to D or D to A	$3\frac{3}{7}$ tanks
B to C or C to B	$1\frac{9}{10}$ tanks
B to D or D to B	$2\frac{4}{5}$ tanks
C to D or D to B	$2\frac{7}{8}$ tanks



Explore where they could have started and two journeys they could take that use 5 or less tanks of petrol.

DP

2. Mrs Clarke has spilled coffee over Lisa's maths book whilst marking her work.



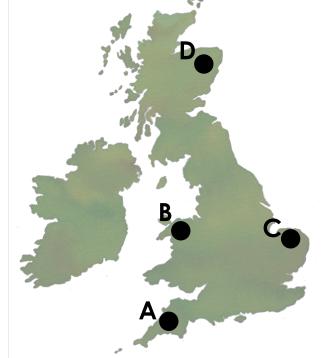
Use the digit cards to explore the different calculations Lisa could have completed if all the denominators were different and the second fraction was improper.

DP

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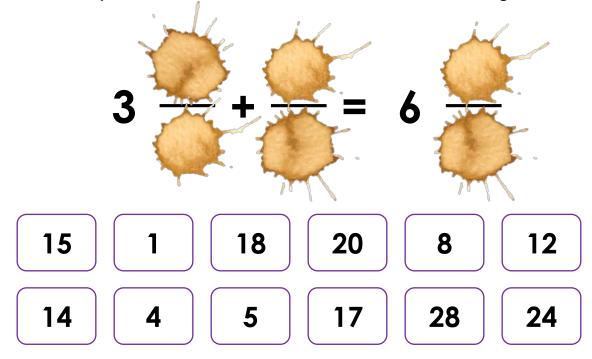
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C to D or D to B	$2\frac{7}{8}$ tanks



Explore where they could have started and two journeys they could take that use 5 or less tanks of petrol.

Various answers, for example: A to B and B to C; $1\frac{2}{5} + 1\frac{9}{10} = 3\frac{3}{10}$

2. Mrs Clarke has spilled coffee over Lisa's maths book whilst marking her work.



Use the digit cards to explore the different calculations Lisa could have completed if all the denominators were different and the second fraction was improper.

Various answers, for example: $3\frac{1}{4} + \frac{18}{5} = 6\frac{17}{20}$