

Wednesday 10th February 2021

Reasoning activity

You can find this problem on the nrich website: <https://nrich.maths.org/14727>

Fruity Pairs

Age 5 to 7

Challenge Level ★

Kate and her brother, Sam, take a snack to school everyday.

Today they find a pot of raisins, a banana and two apples in the kitchen. They choose one item each.



What could Kate and Sam choose?

Can you think of a different combination of two items?

Can you find **all** the combinations of two items?

How do you know you have got them all?

Mum complains that all the food they eat costs her a lot of money!

She works out that a pot of raisins is 11p, a banana is 14p and an apple is 27p.

Can you order the different possible choices from the pair that costs the least to the pair that is most expensive?

How did you decide? We would love to hear your reasoning.