

How Much? Hong Kong Version!

WALT: investigate a solution by narrowing down possibilities and explain reasoning

Mrs Voce bought fish balls and a moon cake. The cost of both of them together is in one of the boxes below. Only coins were used to buy the items.

\$15.1	\$20	\$21	\$9	\$18.3
\$5.5	\$11.5	\$10	\$22.5	\$12.4
\$14.5	\$17.9	\$12.2	\$19.2	\$13.5

Use the below clues to find out:

- How much Mrs Voce paid.
- The cost of the fish balls and moon cake individually.
- The minimum number of coins used to pay.

Clues

- There would be change if only \$10 coins were used.
- More than 3 coins are needed to make this amount.
- The fish balls cost more than the moon cake but less than double the cost of the moon cake.
- You can pay without using the same coin twice.
- The moon cake costs \$5.5