

# Applying mental calculation strategies when adding and subtracting decimals

Mathematics

Natalie Sew



## Independent Task 1 of 2: Mental Addition

Complete these equations. Your challenge is to use informal methods of addition. Don't forget to use jottings.

1.  $0.5 + 0.52$

Round and Adjust

2.  $0.76 + 0.37$



Make a Whole

3.  $2.3 + 1.25$

Partitioning

4.  $25.3 + 19.9$

Near Doubles



## Independent Task 2 of 2: Mental Subtraction

Complete these equations. Your challenge is to use informal methods of subtraction. Don't forget to use jottings.

1.  $13.5 - 4.2$

2.  $0.5 - 0.489$

3.  $4.76 - 2.5$

4.  $25.3 - 19.9$

Round and Adjust



Make a Whole

Partitioning

Count On



# Independent Task 2 of 2: Mental Subtraction Support Slide

1.  $13.5 - 4.2$  - Partition your equation  $0.5 - 0.2$  &  $13 - 4$
2.  $0.5 - 0.489$  -  $0.500$  and  $0.489$  are very close together. Could you use counting on?
3.  $4.76 - 2.5$  - Do you need to regroup? Which strategy works without regrouping?
4.  $25.3 - 19.9$  -  $19.9$  is very close to  $20$ .

