

Applying mental calculation strategies when adding and subtracting decimals

Mathematics

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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. $0.5 + 0.52$

2. $0.76 + 0.37$

3. $2.3 + 1.25$

4. $25.3 + 19.9$

Round and Adjust



Make a Whole

Partitioning

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 .

