

Our Learning Keys

Addition and Subtraction

Year 4
Weeks 5-7

Questions

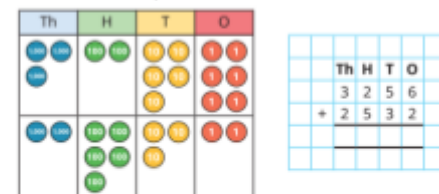
- If you know $4+6=10$ what else do you know?
- How will you partition? Why?
- What is the inverse of subtract 300?
- Which place value columns have stayed the same/changed? Why?
- Will the value in the 1s, 10, 100, 1000s increase or decrease? By how much?
- How can you represent the problem using base 10?
- Does it matter which column you add/subtract first?
- Do you need to exchange?
- Which column can you exchange from?
- If you cannot exchange from the 10s/100s what do you need to do?

Vocabulary

ones, tens, hundreds, thousands, column, increase, decrease, exchange, column method, efficient method, calculation, strategy, the difference between, altogether, estimate, inverse

Images

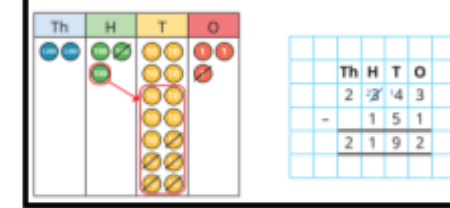
Use counters and a place value chart to work out $3,256 + 2,532$



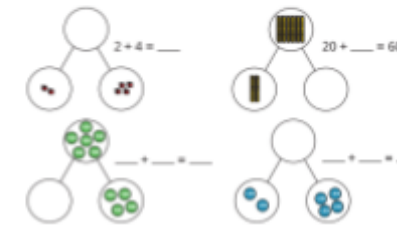
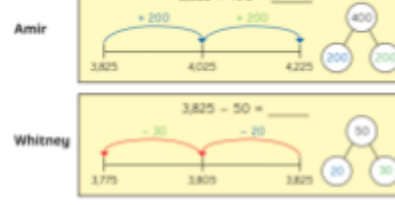
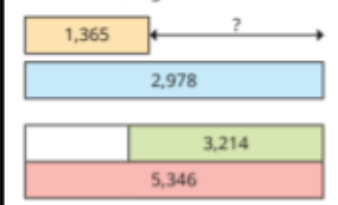
Fill in the missing numbers.



Ron uses place value counters to work out $2,343 - 151$



Find the missing numbers.



Goals

- ☐ I can add and subtract 1s, 10s, 100s and 1000s
- ☐ I can add up to 2 4-digit numbers - no exchange
- ☐ I can add up to 2 4-digit numbers - one exchange
- ☐ I can add up to 2 4-digit numbers - more than one exchange
- ☐ I can subtract up to two 4-digit numbers - no exchange
- ☐ I can subtract up to two 4-digit numbers - one exchange
- ☐ I can subtract up to two 4-digit numbers - more than one exchange
- ☐ I can subtract efficiently
- ☐ I can estimate answers
- ☐ I can check strategies

Previously...

In Year 3, children will have calculated addition and subtraction problems up to 3-digit.

They will have learned that addition and subtraction are inverse operations.

Year 4

Addition and Subtraction

Next...

In Year 5, children will move onto calculating up to 5 digit numbers.

Links

PSHE: Managing money.

Doors this will open...

Accountant
Data analyst
Statistician
Scientist
Engineer
Builder