

MONDAY

12.10.20XII.X.XX

WALT: subtract whole numbers using the formal written method (reasoning).

Steps to success:

Place the bigger number on top.

Use place value to line up your digits on top of each other (ones numbers should line up, etc.)

Exchange with the next column if needed.

Use RUCSAC to help you when solving problems.

12.10.20

XII.X.XX

WALT: subtract whole numbers using the formal written method (reasoning).

Today's activities:

- 1) Complete the starters give and check your answers.
- 2) Complete the worksheet - ensure you check which worksheet to open and which part to complete (each group has different activities).
- 3) Complete the plenary.

Q4.

What number is 1,000 **less** than 9,072?

1 mark

Q4.

What number is 1,000 **less** than 9,072?

$$9072 - 1000$$

8072

1 mark

12.10.20XII.X.XX

WALT: subtract whole numbers using the formal written method (reasoning).

Reflex, Obtuse and Right angles: Open the worksheet:

'Worksheet 2 Right angles, Obtuse and Reflex - with answers.'

Reflex complete: GD worksheet (if it's too challenging, try E). Obtuse complete: E worksheet Right angles complete: D worksheet

Acute:

Open the worksheet: **Worksheet 2 Acute - with answers.**

Scroll down and complete the E worksheet. If this is too challenging, try D. Remember, the letters are in the stars.

Plenary

Q6.

Adam wants to use a mental method to calculate $182 - 97$

He starts from 182

Here are some methods that Adam could use.

Tick the methods that are **correct**.



add 3 then subtract 90

subtract 100 then add 3

subtract 7 then subtract 90

subtract 3 then subtract 100



2 marks

Q6.

Adam wants to use a mental method to calculate 182 - 97 $182 - 97 = 85$

He starts from 182

Here are some methods that Adam could use.

Tick the methods that are **correct**.



add 3 then subtract 90



$$182 + 3 = 185 \quad 185 - 90 = 95 \text{ X}$$

subtract 100 then add 3



$$182 - 100 = 82 \quad 82 + 3 = 85$$

subtract 7 then subtract 90



$$182 - 7 = 175 \quad 175 - 90 = 85$$

subtract 3 then subtract 100



$$182 - 3 = 179 \quad 179 - 100 = 79 \text{ X}$$



2 marks

TUESDAY

13.10.20XIII.X.XX

WALT: add and subtract using the formal written method (reasoning).

Steps to success:

Place the bigger number on top.

Use place value to line up your digits on top of each other (ones numbers should line up, etc.)

Exchange with the next column if needed.

Use RUCSAC to help you when solving problems.

13.10.20

XIII.X.XX

WALT: add and subtract the formal written method (reasoning).

Today's activities:

Complete the worksheet given (see the page after completing the starter).

Starter

Q7.

A book has five stories in it.

This is the contents page.

Contents	
	page
Rocket Ship	5
Night Journey	17
Secret Palace	25
Jack	41
Deep Water	59

Deep Water finishes on page 68

Which is the longest story?

↓ mark

Q7.

A book has five stories in it.

This is the contents page.

Contents	
	page
Rocket Ship	5
Night Journey	17
Secret Palace	25
Jack	41
Deep Water	59

$$17 - 5 = 12$$

$$25 - 17 = 8$$

$$41 - 25 = 16$$

$$59 - 41 = 18$$

Deep Water finishes on page 68

Which is the longest story?

Deep water

1 mark

13.10.20

XIII.X.XX

WALT: add and subtract the formal written method (reasoning).

Reflex: Open the document 'Worksheet 3 Reflex'. Work through the problems. Show your working out (do the math)!

Obtuse and Right angles:

Open the document 'Worksheet 3 Obtuse and right angles'. Work through the problems. Show your working out (do the math)!

Acute: Open the document 'Worksheet 3 acute'. Work through the problems. Show your working out (do the math)!

Plenary

$$\begin{array}{r}
 \square 240 \\
 + 6\square 73 \\
 \hline
 14513
 \end{array}$$

$$\begin{array}{r}
 6911 \\
 \square 18\square \\
 \hline
 14100
 \end{array}$$

$$\begin{array}{r}
 8240 \\
 + 6273 \\
 \hline
 14513 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6911 \\
 7189 \\
 \hline
 14100 \\
 \hline
 \end{array}$$

WEDNESDAY

14.10.20XIV.X.XX

WALT: add and subtract using the formal written method (reasoning).

Steps to success:

Place the bigger number on top.

Use place value to line up your digits on top of each other (ones numbers should line up, etc.)

Exchange with the next column if needed.

Use RUCSAC to help you when solving problems.

14.10.20

XIV.X.XX

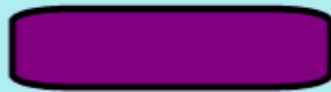
WALT: add and subtract the formal written method (reasoning).

Today's activities:

- 1) Work through the slides
- 2) complete the worksheet given to consolidate the skills taught (adding and subtracting).
- 3) If you finish the worksheet quickly and feel confident, complete the plenary.

Starter

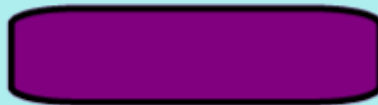
Chilli challenge



$$+ 567,420 = 875,432$$



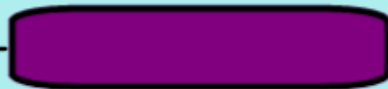
3,872,386 +



= 5,803,862





$$974,486 +$$




+ 40,792 = 3,084,817

Chilli challenge

 $308,012 + 567,420 = 875,432$

 $3,872,386 + 1,931,476 = 5,803,862$

 $974,486 + 2,069,539 + 40,792 = 3,084,817$

Can you explain your method?

14.10.20

XIV.X.XX

WALT: add and subtract the formal written method (reasoning).

Reflex

Open the document 'Worksheet 4 all groups'.
Complete the GD worksheet.

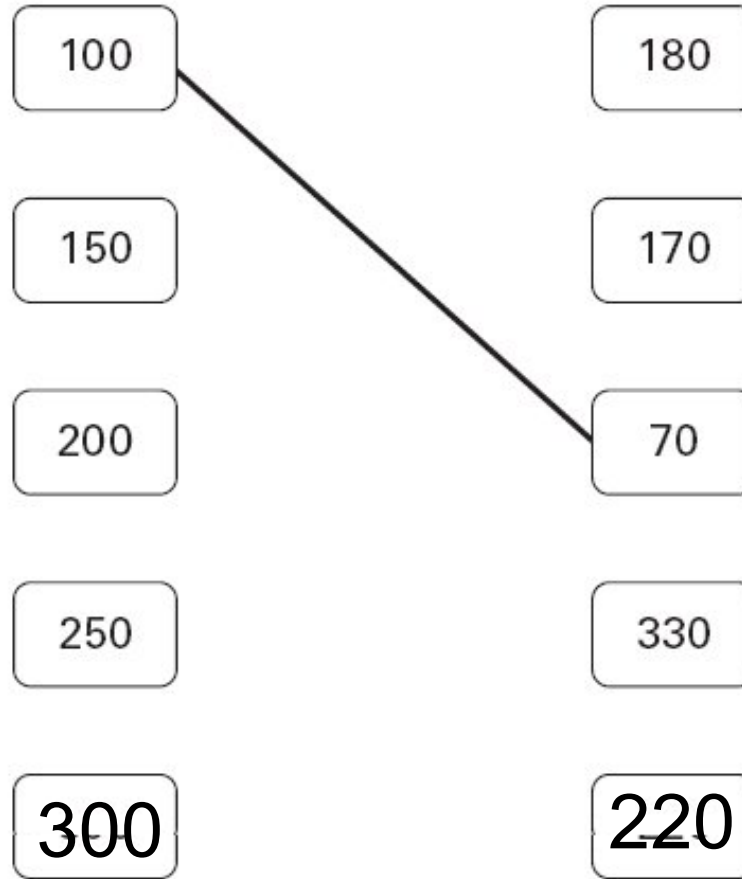
Obtuse and Right angles:

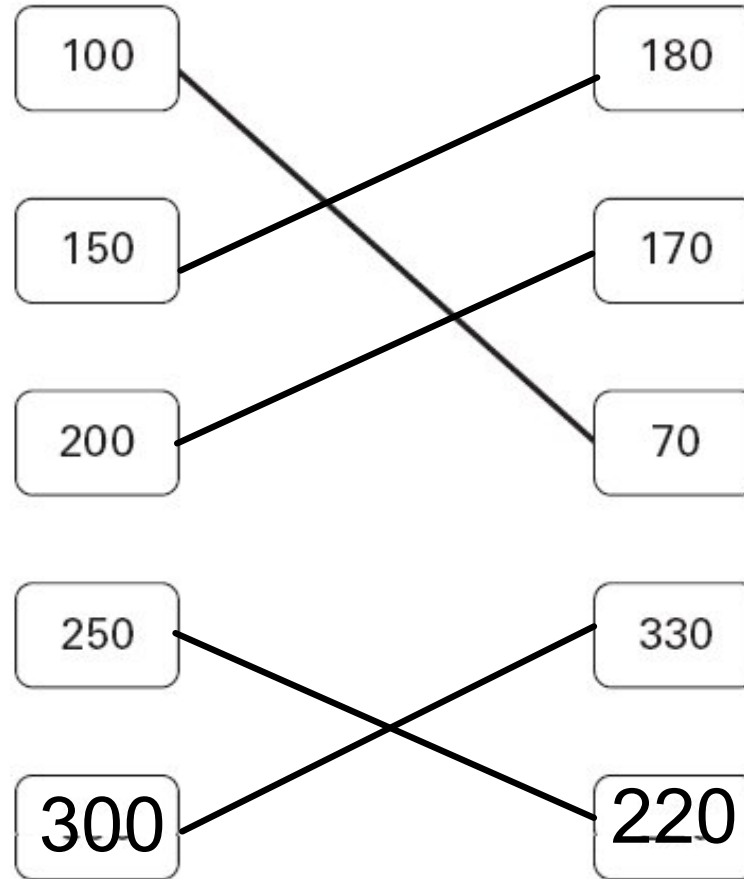
Open the document 'Worksheet 4 all groups'.
Complete the E worksheet.

Acute:

Open the document 'Worksheet 4 all groups'.
Complete the D worksheet.

Plenary





2 marks

Dev and Joe each buy a book.

Dev pays with a £5 note and gets £1.05 change.

Joe's book costs £7

How much **more** does Joe's book cost than Dev's book?

Show your method

$$£5.00 - £1.05 = £3.95 \text{ Dev paid } £3.95$$

$$£7.00 - 3.95 = £3.05$$

£ 3.05

2 marks

Q11.

The children at Farmfield School are collecting money for charity.

Their target is to collect £360

So far they have collected £57.73

How much **more** money do they need to reach their target?

1 mark

Q11.

The children at Farmfield School are collecting money for charity.

Their target is to collect £360

So far they have collected £57.73

How much **more** money do they need to reach their target?

£ 302.27

↓ mark

$$£360.00 - 57.73 = £302.27$$

Q12.

The numbers in this sequence **decrease** by the same amount each time.

303,604 302,604 301,604 300,604 ...

What is the next number in the sequence?

1 mark

Q12.

The numbers in this sequence **decrease** by the same amount each time.

303,604 302,604 301,604 300,604 ...

What is the next number in the sequence?

299,604

↓ mark

Decreased by 1000 each time.

$$300,604 - 1000 = 299,604$$