|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area of Learning | LC: Can you Subtract a I-digit number from a 3-digit number - crossing 10 ? | LC:Can you add and subtract 3 -digit and 2 -digit numbers not crossing 100 ? | LC: Can you Add 3-digit and 2-digit numbers - crossing 100? | LC: Can youSubtract a 2-digit number from a 3 -digit number - crossing 100 | LC: Can you problem solve? |
| Activity | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: https://whiterosemaths.com/ <br> Find and watch Subtract a I-digit number from a 3digit number - crossing 10 video. Pause if you need to <br> take notes or replay sections to help with understanding. Independent Task: <br> Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: https://whiterosemaths.com/ <br> Find and watch Add and subtract 3 -digit and 2 digit numbers - not crossing 100 video. Pause if you need to take notes or replay sections to help with understanding. <br> Independent Task: Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: https://whiterosemaths.com/ <br> Find and watch Add 3-digit and 2-digit numbers crossing 100 video. Pause if you need to take notes or replay sections to help with understanding. <br> Independent Task: Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: <br> https://whiterosemaths.com/ <br> Find and watch Subtract a 2-digit number from a 3digit number - crossing $\mathbf{I O O}$ video. Pause if you need to take notes or replay sections to help with understanding. <br> Independent Task: Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Today the children will apply the skills they have learnt this week to reason and problem solve questions. <br> Independent Task: Children to complete worksheet found in resources. |

## Where can I complete further work?

Twinkl - Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code UKTWINKLHELPS for access to worksheets, powerpoints and interactive games to support all areas of learning.

Classroom Secrets - Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.
White Rose Maths - Free Maths home learning resources for all ages. Watch the videos and try the questions.
Primary Stars - Free Maths home learning packs for Year I and 2.
BBC Bitesize Primary - Free learning resources available for KSI and KS2 across all subjects.
I See Maths - Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.
Top Marks - Free educational resources and games for English and Maths.Games - Free educational resources and games for English and Maths.

## Subtract a 1-digit number from a 3-digit number - crossing 10


a) Work out 245-3


Explain your method to a partner.
b) Work out 245-8


Talk to your partner about the method you used.
Did you do anything different this time?
(2)


Work out 311-7 $\square$
(3) Tick the calculations that include an exchange.

b) $395 \square 395-1 \square$

4. Complete the number sentences.

Use two jumps on the number lines.
a) $135-8=\square$

b) $422-7=\square$

c) $251-9=\square$
A baker bakes 223 loaves of bread.
He eats 6 loaves of bread.
How many loaves of bread does he have left?


6 Complete the number sentences.
a) $315-7=$

d)

b) $662-9=\square$
c) $\square=471-3$
e) $829-7=$

f) $827-9=$ $\square$
(7) Complete the calculations.
a) $524-\square=521$

b) $18-5=183$
$18--5=178$
$18 \_-5=175$

8
The answer is 507
a) Whose subtraction is correct?

$\qquad$
b) What mistake has the other child made?
9. How many different ways can you complete this calculation?

$\qquad$
$\qquad$
(10) Complete the number sentences.
a) $623-7=613+$


b) $125+2=130-$ $\square$

Add and subtract 3-digit and 2-digit numbers - not crossing 100How many lollipops are there in total?

(2)

Eva has made this number.

| Hundreds | Tens | Ones |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |

a) What number has Eva made?
b) Eva subtracts 40 from her number.

Write a subtraction to show what Eva has done.
$\square$
c) What is the answer to the subtraction? $\square$
(3) Complete the additions.

b)

c)

4. Use base 10 to help you complete the number sentences.
a) $146+30=\square$
b) $146-30=$

c) $146+50-50=$


5 Use the place value chart to help you complete the number sentences.

a) $742+30=$ $\square$
c) $742+50=\square$
e) $20+742=\square$
d) $742-20=$ $\square$


6 Complete the calculations.
a) $717+30=$ $\square$ $717+60=\square$

$$
80+717=\square
$$

What do you notice?
b) $182-30=\square$

$587-30=\square$
$380-30=\square$

What do you notice?
7) Here is a subtraction.

$$
487-50=482
$$

What mistake has been made?

8 Complete the number sentences.

9) Here is a calculation with three missing digits.

$$
726+\ldots 0-\_0=7 \_6
$$

All the missing digits are different.
What could the calculation be?
How many calculations can you find?
$\qquad$
$\qquad$
$\qquad$

Add 3-digit and 2-digit numbers crossing 100
(2) Complete the additions.
a)


b)

(3)

Complete the number sentence.
Use the place value chart to help you.

(4)


Write three examples to show Amir is wrong.

5
Complete the number sentences.
a) $452+70=$

b) $692+60=$ $\square$
e) $30+784=\square$
c) $357+70=$

g) $171+50+20=$
$\square$
d) $84+70=$ $\square$
h) $256+50+30=$

6 Complete the number sentences.


7 Work out the missing digits.
a) $772+\ldots 0=812$
$772+\ldots 0=822$
$772+\ldots 0=852$
b) $3 \_4+60=454$
$3 \_4+60=444$
$3 \_4+60=414$
a) What is the smallest possible missing digit? $773+\ldots>820$
b) What is the smallest possible missing digit? 773 + _0 > 824
c) What is the greatest possible missing digit? 773 + _0 < 824

9 A barrel contains 175 litres of water.


2 buckets of water are poured into the barrel.


There is now 265 litres of water in the barrel
How much water could have been in each bucket? How many different answers can you find?
(2) Complete the number sentences.
a) $323-60=\square$摬
Use base 10 to make the number 235
a) Complete the subtraction.

b) Complete the subtraction.

c) Show how you can work out 235-50 using base 10

Talk to a partner about how you did it.
d) Complete the number sentences.

b) $712-40=\square$

(3)

Rosie is wrong.
How do you know?

$\qquad$
$\qquad$
(4) Complete the number sentences.
a) $720-60=$ $\square$
e) $716-50=$ $\square$
b) $338-40=$

f)

c) $248-60=$ $\square$
g) $319-20=$ $\square$
d) $937-50=$ $\square$
h) $703-80=$ $\square$
5) The answer to each of these subtractions is 358 Find the possible missing digits.
$4 \_8-\quad 0=358$
$4 \_8-\quad 0=358$
$4 \_8$ - _0 = 358
$4 \_8-\_0=358$
$4 \_8-\_0=358$

6 Nijah is working out 524-80 in her head.
She says the answer is 464
What mistake do you think Nijah has made?
Talk to a partner.

7 Complete the calculations.
a) 758 -

e) $163=253-$ $\square$
b)
b) $612-\square$
$=532$
c)

f)

g)

d) $807-$

h)

(8) Amir is thinking of a number.


How many tens could Amir's number have?
Give reasons for your answer.
$\qquad$
$\qquad$
$\qquad$

## SUBTRACT 1-DIGIT FROM 3-DIGITS - CROSSING TENS

## REASONING 1

The children used partitioning to solve the calculation:


Who has used partitioning in the best way?
Explain how you know.

## REASONING 2

Jerry thinks...


Do you agree? Explain why!

REASONING 3
Which is the odd one out?


Convince me!

REASONING 4
Always, Sometimes, Never?
Only the ones column changes when we subtract ones.

## PROBLEM SOLVING 1

Investigate!


Can you use these digit cards to make a calculation with an answer of 385?


PROBLEM SOLVING 2

## Investigate!

## When 9 is subtracted from 4 in the ones column, the digit in the ones column of the answer will always be 5 .

Can you collect examples to prove that this statement is correct?

## ADD AND SUBTRACT 3-DIGIT AND 2-DIGIT NUMBERS

## REASONING 1

The children are using known facts to help them solve this:


Who is using the correct known fact?
Explain how you know.

## REASONING 2

True or false?

$$
167-30=137+60
$$

REASONING 2
Anita thinks she has spotted a pattern to her calculations.


Do you agree? Explain how you know.

REASONING 3
Which could be the odd one out?

$$
\begin{array}{l|l|l|l}
261+20 & 251+30 & 261+40
\end{array}
$$

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## ADD AND SUBTRACT 3-DIGIT AND 2-DIGIT NUMBERS

## PROBLEM SOLVING 1


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