Resource
Booklet
15.6.20

Year 3

Name:_____

Times Table Practise

Tick the box every time you practice each times table.

X2	X3	X4	X5	X8	X10

Monday

Monday

Prediction table

What can you see?	What does it make you think about the story?

Monday

<u>Subtract Tens from 3 Digits</u> | <u>Subtract Tens from 3 Digits</u>

4a. Solve the subtraction calculation:

$$423 - 50$$

H	T	O
100 100	10 10	1 1
100 100	10	1
	10 10	
	10 10	
	10 10	
	10 10	
	10 10	

4b. Solve the subtraction calculation:

$$316 - 40$$

H	T	O
100 100	10	1 1
100		1 1
	10 10	1 1
	10 10	
	10 10	
	10 10	
	10 10	

5a. True or false?

$$649 - 70 = 589$$

Use the number line to help you.
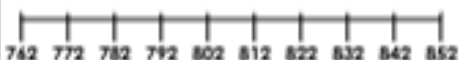
559 569 579 589 599 609 619 629 639 649

5b. True or false?

$$852 - 90 = 772$$

Use the number line to help you.

762 772 782 792 802 812 822 832 842 852

6a. A shop had 316 chocolate bars. They sold 60 over the weekend. Use the place value grid to find how many were left.

H	T	O
100 100	10	1 1
100		1 1
		1 1

6b. Freya had 425 marbles. She lost 80 of them at the park. Use the place value grid to find how many she had left.

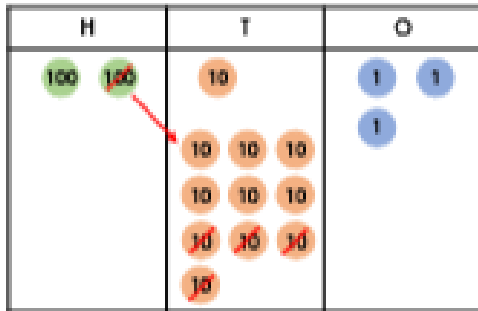| H	T	O
100 100	10 10	1 1
100 100		1 1
		1

Monday

4a. Write the subtraction calculation to match the subtraction represented below.

H	T	O
100 100	10 10 10 10 10 10 10 10 10 10 10	1 1 1

☆

4b. Write the subtraction calculation to match the subtraction represented below.

H	T	O
100 100 100	10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1

☆
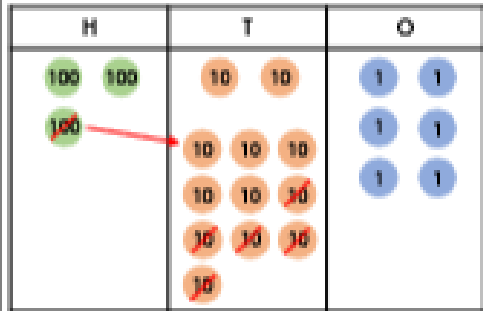
5a. Isla is calculating the following subtraction: 475 – 80.

100 100 10 10 10 10 1 1
100 100 10 10 10 1 1 1

She says,

> The answer is 405.

Is she correct? Explain your reasoning.

☆

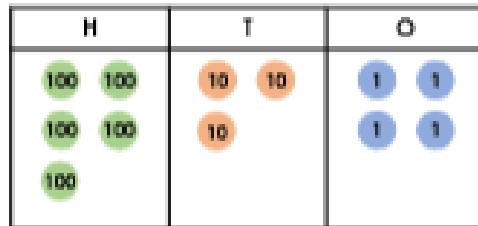**5b. Jack is calculating the following subtraction: 538 – 70.**

100 100 100 10 1 1 1 1
100 100 10 10 1 1 1 1

He says,

> The answer is 531.

Is he correct? Explain your reasoning.

☆

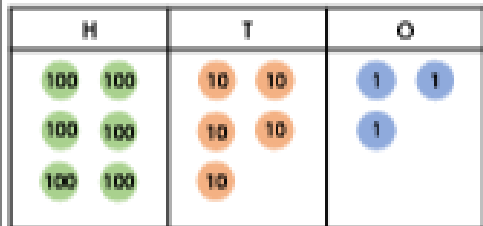**6a. I subtracted a number from the one shown in the place value grid.**

H	T	O
100 100 100 100 100	10 10 10	1 1 1 1

My answer is 444.

What number did I subtract?

☆

6b. I subtracted a number from the one shown in the place value grid.

H	T	O
100 100 100 100 100 100	10 10 10 10 10	1 1 1

My answer is 573.

What number did I subtract?

☆

Tuesday

Tuesday

Add and Subtract 100s

5a. Starting with the number below each time, complete the calculations.

100s	10s	1s

a. + 600   b. + 400   c. – 200

6a. Find the number covered by the splat.

546 + = 946

7a. Calculate the following:

a. 355 + 200 =

b. 598 – 400 =

c. 709 + 200 =

d. 570 + 300 =

e. 957 – 600 =

8a. Add 200 each time to complete the sequence.

5				805

Add and Subtract 100s

5b. Starting with the number below each time, complete the calculations.

100s	10s	1s

a. + 700   b. – 200   c. + 400

6b. Find the number covered by the splat.

 – 300 = 487

7b. Calculate the following:

a. 108 + 300 =

b. 445 – 300 =

c. 319 + 400 =

d. 644 + 300 =

e. 984 – 700 =

8b. Subtract 100 each time to complete the sequence.

982		782		

Tuesday

Add and Subtract 100s

4a. Match the question to the correct answer. Which is the incorrect answer? Explain why.

a | Add 🟢🟢🟢🟢 to 465 | 388
b | Subtract 🟢🟢 from 298 | 865
c | Subtract 600 from 988 | 198

Add and subtract 100s

4b. Match the question to the correct answer. Which is the incorrect answer? Explain why.

a | Add 🟢🟢🟢🟢 to 378 | 183
b | Subtract 800 from 983 | 978
c | Subtract 🟢🟢🟢 from 629 | 229

5a. Trevor is finding different calculations to make a number by adding or subtracting a multiple of 100.

My number is 526.

Give 3 possible calculations that would give this answer.

5b. Josh is finding different calculations to make a number by adding or subtracting a multiple of 100.

My number is 875.

Give 3 possible calculations that would give this answer.

6a. Solve the calculations, then add in the missing symbol using <, > or =.

a. 354 + 🟢🟢🟢 ☐ 845 − 🟢🟢🟢

b. 275 + 500 ☐ 875 − 🟢

c. 543 + 🟢🟢🟢 ☐ 734 − 100

6b. Solve the calculations, then add in the missing symbol using <, > or =.

a. 245 + 200 ☐ 745 − 🟢🟢🟢

b. 344 + 🟢 ☐ 545 − 🟢

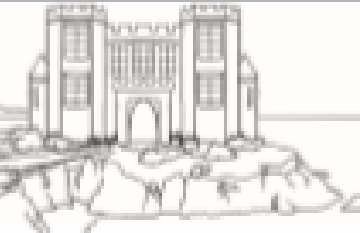c. 509 + 🟢🟢 ☐ 990 − 200

Awesome Alliteration
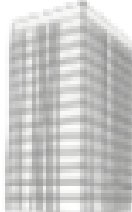
Challenge

Alliteration is when two or more words that are close together, begin with the same letter or sound. For example:

houses in hurricanes

Houses and hurricanes both begin with the letter 'h'.

See if you can use alliteration to describe these other types of buildings people may live in.

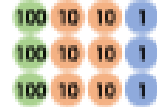|		
caravan	flats	house
castle	bungalow	cave

You could also try to find out:

- which storms Melanie Martinez was affected by;
- who else has had terrible bad luck;
- why large storms are given names;
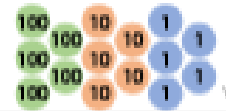- if a storm has the same name as you!

Wednesday

Pattern Spotting

Pattern Spotting

5a. Circle the calculations that use the fact three + two = five.

A. 366 + 200 =

B. 361 + 2 =

C. 525 + 30 =

5b. Circle the calculations that use the fact seven − four = three.

A. 743 − 40 =

B. 173 − 40 =

C. 807 − 4 =

6a. True or false? If I subtract thirty, only the tens column is affected.

H	T	O
●●●●	●●●	●●● ●●●

6b. True or false? If I subtract sixty, only the hundreds column is affected.

H	T	O
●●● ●●●	●●● ●●	●

7a. Work out the calculation and circle the correct answer.

332 − 300 = ☐

| 032 | 32 | 302 | 30 |

7b. Work out the calculation and circle the correct answer.

146 + 50 = ☐

| 176 | 151 | 196 | 96 |

8a. Insert the correct numbers to complete each calculation.

H	T	O
●●●●●●	●●●●●	●

− ☐ = 451

− ☐ = 750

− ☐ = 701

8b. Insert the correct numbers to complete each calculation.

H	T	O
●●●●●●●●●	●●●●●	●●●●●

+ ☐ = 639

+ ☐ = 725

+ ☐ = 935

Wednesday

Pattern Spotting

1a. Use the clues to find A and B in the function machine.

146 → + A → + B → 276

- A is a multiple of 100.
- B is a 2-digit multiple of 10.

Pattern Spotting

1b. Use the clues to find A and B in the function machine.

425 → – A → + B → 155

- A is a multiple of 100.
- B is a 2-digit multiple of 10.

2a. Using the fact 2 + 1 = 3, which is the odd one out? Explain why.

A. 141 + 2

B. 425 + 10

C. 362 – 20

2b. Using the fact 8 – 3 = 5, which is the odd one out? Explain why.

A. 436 – 5

B. 281 – 30

C. 325 + 3

3a. Alyssa is thinking of a number.

She adds 100.
She subtracts 1.
She adds 20.

She does this twice and this is her answer:

H	T	O

What number did she start with?

3b. Isaac is thinking of a number.

He adds 30.
He subtracts 200.
He adds 3.

He does this twice and this is his answer:

H	T	O

What number did he start with?

Thursday

Why is Mary Anning famous?

How did she make her discovery?

Who is Mary Anning?

Mary Anning

What did she do after her discovery?

Facts about Mary Anning

Significant events in her life...

Thursday
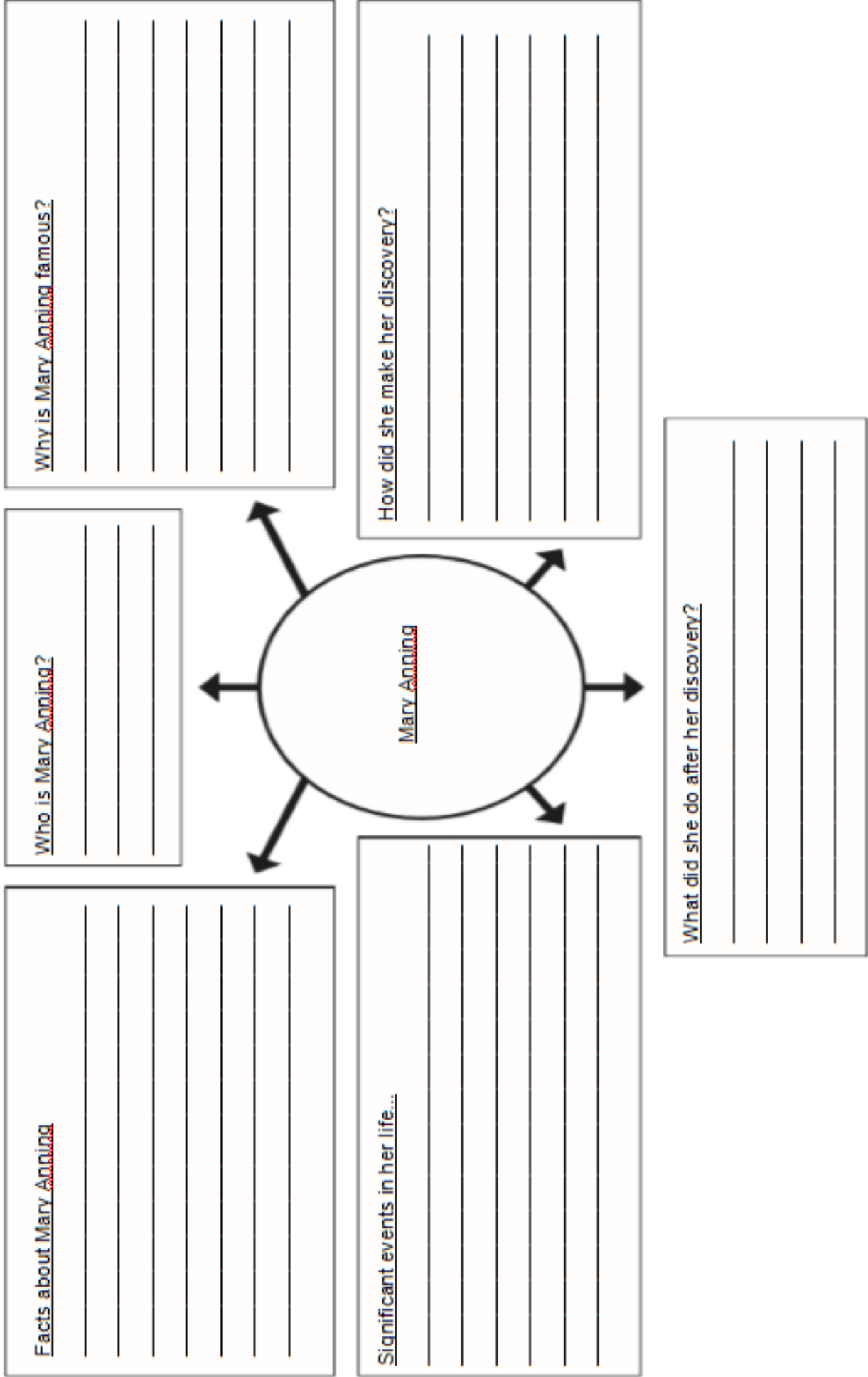
Add 2-Digit and 3-Digit Numbers

5a. What number is represented below?

Now add 56.

What is the total?

☆

Add 2-Digit and 3-Digit Numbers

5b. What number is represented below?

Now add 48.

What is the total?

☆

6a. Complete the calculation. Represent your answer using counters.

H	T	O

+

☆

6b. Complete the calculation. Represent your answer using counters.

H	T	O

+

☆

7a. Complete the bar model.

?	
83	398

☆
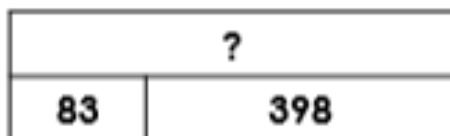
7b. Complete the bar model.

?	
64	497

☆
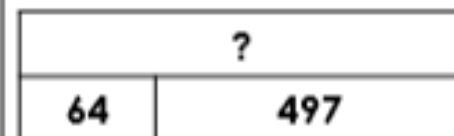
8a. Complete the calculations. Fill in the missing blanks using <, > or =.

A.   462 + 59 ☐ 533 + 88

B.   274 + 57 ☐ 246 + 77

☆

8b. Complete the calculations. Fill in the missing blanks using <, > or =.

A.   742 + 79 ☐ 695 + 17

B.   845 + 87 ☐ 782 + 49

☆

Thursday

Add 2-Digit and 3-Digit Numbers

4a. I have added a 2-digit number and a 3-digit number. My calculation has one exchange. This is the answer:

100	10		1
100	10	10	1
100	10	10	1

What is the calculation?

☆

Add 2-Digit and 3-Digit Numbers

4b. I have added a 2-digit number and a 3-digit number. My calculation has one exchange. This is the answer:

100		10	10	1
100	100	10	10	1
100	100	10	10	1 1

What is the calculation?

☆

5a. Use 5 digit cards to complete the calculation below. Use one exchange.

0	7	9	6	5	5

```
    ☐ ☐ ☐
  +   ☐ ☐
  ─────────
    6 8 4
```

☆
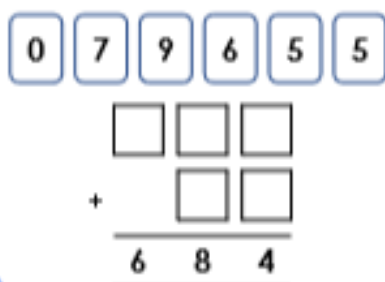
5b. Use 5 digit cards to complete the calculation below. Use one exchange.

9	6	5	7	8	5

```
    ☐ ☐ ☐
  +   ☐ ☐
  ─────────
    7 8 0
```

☆
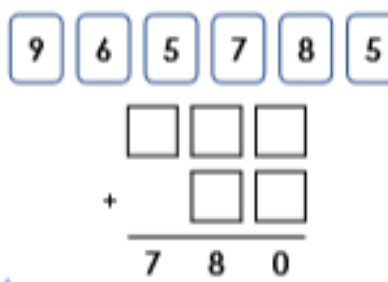
6a. Zara is adding a 3-digit number to a 2-digit number.

- The 3-digit number has a 6 in the tens column and a 5 in the ones column.
- The 2-digit number has a 7 in the tens column and a 9 in the ones column.

Zara thinks the answer will have a 4 in the tens column and a 4 in the ones column.

Is she correct? Explain your answer.

☆

6b. Harvey is adding a 3-digit number to a 2-digit number.

- The 3-digit number has a 5 in the tens column and a 5 in the ones column.
- The 2-digit number has a 9 in the tens column and a 8 in the ones column.

Harvey thinks the answer will have a 4 in the tens column and a 3 in the ones column.

Is he correct? Explain your answer.

☆

Mary Anning

Date of birth: _____

Date of death: _____

_____ is significant because _____

_____

_____

_____

_____

A picture of Mary Anning	Interesting Facts
	_____
	_____
	_____
	_____
	_____
	_____
	_____
	_____

Friday

5a. Zak has the number four hundred and seventy-one. Which representation shows his missing value?

A.

528
53	?

B.

H	T	O
100 100 100 100 100	10	1 1 1 1
		1 1
10 10 10 10	1 1
?	?	?

5b. Gemma has the number one hundred and twenty-two. Which representation shows her missing value?

A.

190
68	?

B.

H	T	O
100	10 10 10 10	1
	10 10	1 1
1
?	?	?

6a. True or false?

$$826 = 851 - 27$$

6b. True or false?

$$266 = 308 - 42$$

7a. Jamie has added some symbols to the following equations. Is he correct?

A. $246 - 37 \boxed{=} 283 - 74$

B. $329 - 57 \boxed{>} 355 - 83$

7b. Sally has added some symbols to the following equations. Is she correct?

A. $362 - 37 \boxed{<} 391 - 65$

B. $452 - 57 \boxed{<} 488 - 96$

8a. Which calculation is the odd one out?

A.
3	5	6
-	7	3

B.
2	9	4
-	1	1

C.
2	8	9
-	1	5

D.
3	2	8
-	4	5

8b. Which calculation is the odd one out?

A.
5	5	3
-	7	3

B.
4	9	8
-	1	9

C.
5	3	2
-	5	2

D.
5	2	5
-	4	5

Friday

Subtract a 2-Digit Number from a 3-Digit Number

4a. Use the column method to find the missing values.

383 ⇨ − 75 ⇨ A

B ⇨ + 57 ⇨ 529

628 ⇨ − 64 ⇨ C

☆

4b. Use the column method to find the missing values.

581 ⇨ − 38 ⇨ A

B ⇨ + 74 ⇨ 328

109 ⇨ − 42 ⇨ C

☆

5a. Sarah and Kris work out the calculation 251 − 61.
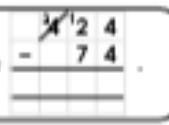
Sarah: I have done
```
  2 5 1
-   6 1
```

Kris: I have done

Who is correct? Explain how you know.
☆

5b. Bobby and Valerie work out the calculation 424 − 74.

Bobby: I have done
```
  4 2 4
-   7 4
```

Valerie: I have done

Who is correct? Explain how you know.
☆

6a. Reuben has completed the following subtraction:

H	T	O
2	7	2
−	5	4
2	2	2

Is he correct? Explain how you know.
☆

6b. Tilly has completed the following subtraction:

H	T	O
5	0	7
−	5	4
5	5	3

Is she correct? Explain how you know.
☆