Plattsburg Public School

Learning from Home

23rd August - 27th August 2021

2/3B

Group 2

NUMERACY

THIS IS HOW I FEEL ABOUT MONDAY'S

"Even the SMALLEST PERSON can change the COURSE of the FUTURE."

Minute 17

Name: .... **Date:** ....

1. Tyler has 5 pencils. Ben gives him 8 more pencils. How many

   pencils does Tyler have now? .... pencils

For Questions 2 and 3, write how much money in all.

2. [coins] = $...........

3. [coins] = $...........

4. [dots] + [dots] + [dots] = ...

   4 + 3 + 5

5. How many coins are there? .... coins

   [coin stacks] (10)

For Questions 6 and 7, write the number of tens and ones.

6. 49 = ... tens   .... ones

7. 94 = ... tens   .... ones

8. 9 + 8 = ...

9. Write the missing number.   2, 5, 8, ..., 14, 17

10. 46 > 39   Circle: True   or   False

Party Budget Planning

Each person going to the party will need all of the items in the box. Work out the cost of each item then multiply it by the number of children in your class to find out how much you will need to spend.

| 1 sandwich | 1 bag of chips | 1 pie | 1 plate |
| 1 drink | 1 cake | 1 sausage roll | 1 cup |

Number of children in the class: _____

Food and Drink	Cost	Per Person	Total Quantity	Total Cost
A loaf of bread = 10 slices per loaf	$1	2 slices		
1 bottle of orange juice = 10 cups	$1.20	2 cups		
1 pack of cheese = 10 slices	$1.20	1 slice		
1 pack of ham = 10 slices	$1.60	2 slices		
1 pack of chips = 5 bags	80c	1 bag		
1 box = 10 cakes	$1.10	1 cake		
1 pack = 12 pies	$1.20	1 pie		
1 pack = 20 sausage rolls	$2	1 sausage roll		
1 pack = 30 plates	80c	1 plate		
1 pack = 15 plastic cups	$1.50	1 cup		

Multiplication Grids

Multiplying 2-Digit Numbers by 1-Digit Numbers Using the Grid Method

Can you use the grid method to multiply a 2-digit number by a 1-digit number? The first one has been done for you.

6. $63 \times 7 =$

✗	60	3
7		

7. $75 \times 9 =$

✗	70	5
9		

8. $13 \times 5 =$

✗	10	3
5		

9. $28 \times 9 =$

✗	20	8
9		

10. $53 \times 8 =$

✗	50	3
8		

HAPPY TUESDAY
YOU'RE AWESOME

"Somewhere, something incredible is waiting to be known."

-Carl Sagan

Lauren had a collection of 26 stamps out of 60. Her friend gives her another 19.

How many stamps does she have now?

How many more stamps does she need to finish her collection?

Sophie and Ted are collecting football stickers. Ted had 25 football stickers. Sophie has 36.

How many do they have in total?

How many more stickers does Sophie have than Ted?

Addition Word Problem
Challenge Cards

twinkl

Hannah wants to make 100 cookies for the school cake sale on Wednesday. She baked 44 cookies on Monday and 39 cookies on Tuesday.

How many cakes did she bake altogether?

How many more does she need to bake on Wednesday?

3-Digit Column Subtraction

1.

```
    3  7  4
 -  1  2  3
 ─────────
```

2.

```
    8  7  6
 -  4  1  6
 ─────────
```

3.

```
    4  9  7
 -  2  5  4
 ─────────
```

4.

```
    6  4  9
 -  3  2  7
 ─────────
```

5.

```
    7  0  8
 -  3  6  5
 ─────────
```

6.

```
    4  3  5
 -  1  2  7
 ─────────
```

7.

```
    1  8  6
 -     9  1
 ─────────
```

8.

```
    2  4  0
 -  1  0  5
 ─────────
```

9.

```
    9  6  1
 -  1  2  4
 ─────────
```
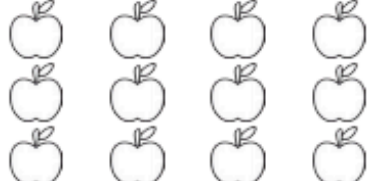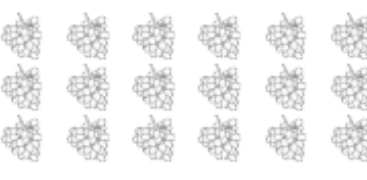
Challenge - Find the missing numbers in the subtraction calculations below:

10.

```
    5  4  9
 -  □  7  □
 ─────────
    2  7  5
```

11.

```
    6  0  3
 -  □  7  3
 ─────────
    3  3  □
```

12.

```
    3  □  4
 -  □  6  1
 ─────────
       6  3
```

13. A baker bakes 248 iced buns. He sells 195. How many buns does he have left over?

Multiplication Using Arrays

Write two multiplication sentences for each array.
The first one has been done for you.

(array of carrots)	(array of apples)	(array)
2 x 5 = 10 5 x 2 = 10		
(array of onions)	(array of grapes)	(array of oranges)
(array of bananas)	(array of pumpkins)	(array of pineapples)

Can you think of a different calculation and draw your own array?

SMILE!

IT'S... WEDNESDAY!

"We learn from failure not from success!"
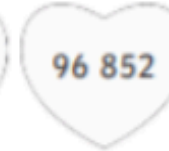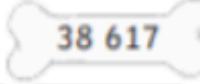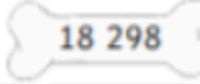
— Bram Stoker

Ordering 5-Digit Numbers

Fill in the space below with the numbers in ascending (smallest to largest) order.

84 945   91 504   75 136   94 054   85 105   93 405   73 156

[ ] [ ] [ ] [ ] [ ] [ ] [ ]

60 093   30 069   96 306   60 039   30 960   60 960   60 069

[ ] [ ] [ ] [ ] [ ] [ ] [ ]

46 827   98 652   12 896   48 627   12 698   96 852   96 528

[ ] [ ] [ ] [ ] [ ] [ ] [ ]

36 817   12 898   89 632   86 923

37 617   38 617   18 298

[ ] [ ] [ ] [ ] [ ] [ ] [ ]

Add your own numbers. Challenge a partner to place them in ascending order.

_____   _____   _____   _____

_____   _____   _____

Odd and Even numbers

Name:

1. Is the number 14 odd or even?

2. Is the next number in the pattern odd or even? 200, 300, 400, _____

3. There are 21 children in a class. Is this an odd or even number?

4. Is the next number in the pattern odd or even? 10, 15, 20, 25, 30, _____

5. Is 48 an odd or even number?

6. Will adding 14 and 7 produce an odd or even number?

7. Kim has 149 tomatoes in a crate. Is this an odd or even number of tomatoes?

8. Will doubling 11 produce an odd or even number?

9. Is one more than 999 an odd or even number?

10. There are 24 children in a line. If 6 children walk away is there an odd
or even number of children left in the line?

- -

Circle all the odd numbers:

613   208   565   433   638   339

Circle the largest odd number:

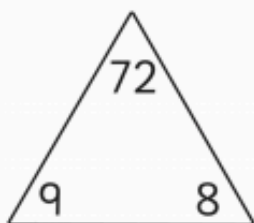625   247   874   980   572   323

Circle the largest even number:

628   248   474   999   924   321

How many even numbers written below?

322   467   988   727   422   890
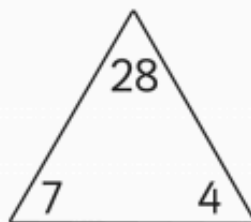
128   342   471   909   344   665

Number Families

Triangle: 72, 9, 8

☐ x ☐ = ☐
☐ x ☐ = ☐
☐ ÷ ☐ = ☐
☐ ÷ ☐ = ☐

Triangle: 28, 7, 4

☐ x ☐ = ☐
☐ x ☐ = ☐
☐ ÷ ☐ = ☐
☐ ÷ ☐ = ☐

Triangle: 30, 6, 5

☐ x ☐ = ☐
☐ x ☐ = ☐
☐ ÷ ☐ = ☐
☐ ÷ ☐ = ☐

Triangle: 18, 6, 3

☐ x ☐ = ☐
☐ x ☐ = ☐
☐ ÷ ☐ = ☐
☐ ÷ ☐ = ☐
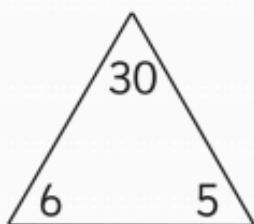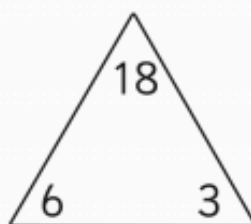
Some people call it Thursday,
I like to call it FRIDAY EVE!

"The mind is not a vessel to be filled, but a fire to be kindled."

-Plutarch

Warm up

Warm Up

1) 3 6 5 8
   + 5 3 6 1
   _____

2) 9 6 3 5
   + 3 8 4 6
   _____

3) 1 2 7 2 4
   + 6 8 9 5
   _____

4) 5 7 9 3 5
   + 7 2 4 6 7
   _____

1) Ten horses have a combined mass of 5 387 kg and the floats to carry them have a mass of 15 608 kg. What is the total mass of the horses and floats?	6) Layla spent $1 139.50 on shoes and $4 703.90 on clothes in a year. How much did Layla spend in total?
2) Aleah bought two blocks of land. They cost $97 500 and $86 990. How much in total did Aleah spend?	7) This year the nesting seabird count was 78 634 on Rose Island. At nearby General Island the count was 52 779. What was the total number of seabirds counted?
3) The number of people attending an art show was: Day 1: 49 664 Day 2: 56 777 How many people attended the art show over the two days?	8) The zoo weighed its two elephants. Daisy had a mass of 6 403 kg and her sister had a mass of 5 448 kg. What was their combined mass?

Addition With 5 Digit Numbers

1.
```
  56833
+ 44105
```

2.
```
  68640
+ 28360
```

3.
```
  92195
+ 17742
```

4.
```
  28446
+ 55824
```

5.
```
  68586
+ 75019
```

6.
```
  94929
+ 68567
```

7.
```
  84658
+ 85858
```

8.
```
  71778
+ 88411
```

9.
```
  34522
+ 45861
```

10.
```
  99394
+ 46453
```

11.
```
  98584
+ 52426
```

12.
```
  16373
+ 26611
```
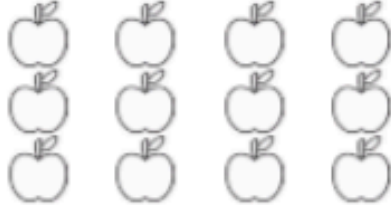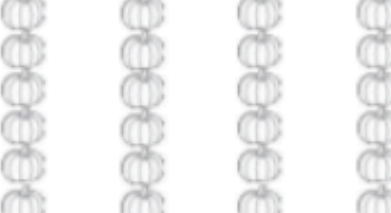
Division Using Arrays

Write two division sentences for each array.
The first one has been done for you.

12 ÷ 4 = 3 12 ÷ 3 = 4		

Can you think of a different calculation and draw your own array?

Hands up if you love Fridays

"When you know BETTER you do BETTER."

— Maya Angelou

5. If there are 260 children in a school and 42 of them are out on a school trip, how many children would be left in school that day?

7. If a gardener plants 206 daffodil bulbs and 176 tulip bulbs, how many bulbs will the gardener have planted altogether?

4. If 445 passengers board a plane and 123 of them are children, how many passengers are adults?

6. If it is 550 miles from London to Glasgow and you have already driven 235 miles, how many miles would you have left to travel?
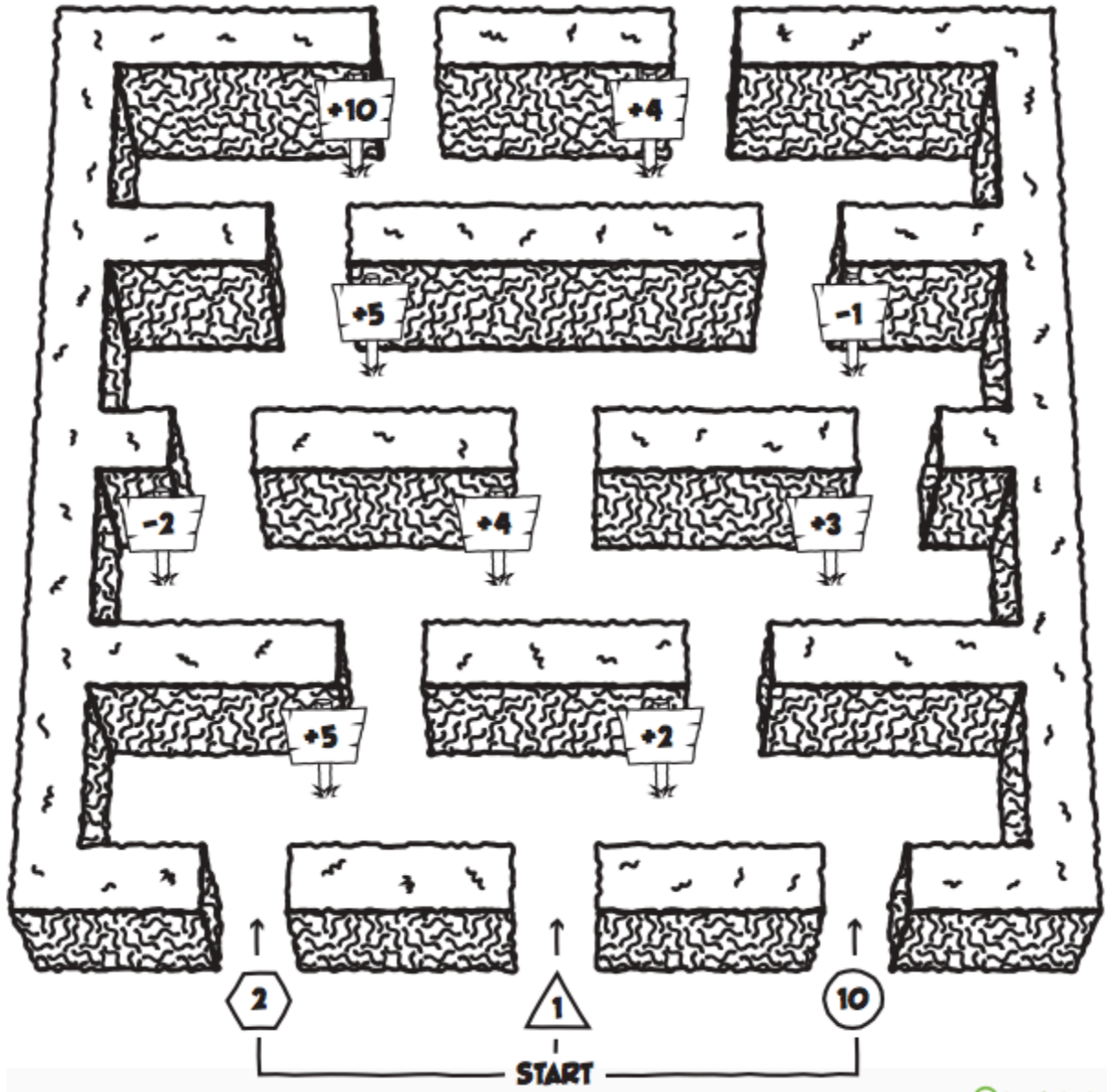
MATHS MAZE ①

ADDITION AND SUBTRACTION

The three shapes need to leave the maze with certain numbers. They can only move up towards the finish, no moving back towards the start. Each time they move through a narrow passage they will need to add or subtract the number listed on the sign. Draw a path for each shape so they leave the maze with the numbers indicated below.
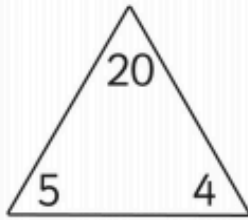
⬡ → **25**   △ → **4**   ◯ → **19**

+10   +4

+5   −1

−2   +4   +3

+5   +2

2   1   10

START

Number Families

20 (5, 4)

☐ x ☐ = ☐

☐ x ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

32 (4, 8)

☐ x ☐ = ☐

☐ x ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

108 (12, 9)

☐ x ☐ = ☐

☐ x ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

42 (6, 7)

☐ x ☐ = ☐

☐ x ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐