MONDAY: Target Boards

5	4	15	11
19	16	9	7
3	17	14	18
20	8	12	10

1. Make a subtraction number sentence using three of the numbers on the top row:

☐ − ☐ = ☐

2. Make an addition number sentence using three of the numbers on the second row

☐ + ☐ = ☐

3. Make an addition number sentence using three of the numbers on the fourth column:

☐ + ☐ = ☐

4. What is the difference between the biggest and smallest numbers on the third row?

☐

5. What is the difference between the biggest and smallest numbers on the third column?

☐

Look at all the numbers on the third row. My target number for the third row is 11

6. What must I add to 5 to reach 20?

☐

7. What must I take away from 4 reach 20?

☐

8. What must I take away from 15 to reach 20?

☐

9. What must I add to 11 to reach 20?

☐

10. If you count in 4s, colour red all the numbers you would say.

11. What is the smallest odd number on the Target Board?

☐

TUESDAY: Counting Stick

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the 100 Square to do the following sums.

1. 32 + 10 + 17 = ☐
2. 53 + 10 + 24 = ☐
3. 26 + 20 + 32 = ☐
4. 36 + 20 + 41 = ☐
5. 45 + 30 + 24 = ☐
6. 43 + 15 + 20 = ☐
7. 51 + 37 + 10 = ☐
8. 26 + 40 + 22 = ☐
9. 20 + 45 + 30 = ☐
10. 30 + 28 + 31 = ☐
11. Fill in the missing numbers

☐	135	☐

12. Fill in the missing numbers

☐	110	☐

Danny and Sarah have just returned from school. They can't go out to play because there is a heavy shower of rain outside. Suddenly, there is a flash and a loud rumbling noise. The power in the house goes off straight away. 45 houses on Bridge Street, 24 houses on Butcher Street and 20 houses on Main Street are without electricity.

1. How many houses have no electricity on Bridge Street and Butcher Street altogether?

2. How many houses on Bridge Street and Main Street have no electricity?

3. How many houses on Bridge Street, Butcher Street and Main Street have no electricity?

4. How many more houses on Bridge Street are without electricity than on Main Street?

The power goes off at half past 3. Danny's favourite tv programme begins 2 hours later. The power comes back on two and a half hours after going off.

5. At what time does Danny's favourite tv programme start?

6. How much of Danny's favourite programme does he miss?

7. At what time does the electricity come back on?

While the power is off, Mum sends Sarah to the shop to buy some candles. The shop is ½ km from Sarah's house. Sarah buys 4 candles at 60c each. She gives the shopkeeper €4 and the shopkeeper gives her the change. Sarah runs home and gives her change to her Mum.

8. How much did Sarah pay for the 4 candles?

€

9. How much change did she get back?

€

10. How far did Sarah travel altogether by going to the shop and back?

km

THURSDAY: Addition of 3 numbers using doubles.

Example
32 + 37 + 22 = ?
Add the numbers with the doubles first.
32 + 22 → 50 + 4 → 54
Now add on the third number.
54 + 37 = ?
80 + 11 → 80 + 10 + 1 = 91

1. 14 + 25 + 34 = ?
Add the numbers with the doubles first.
14 + 34 → 40 + 8 48
Now add on the third number.
48 + 25 = ?
60 + 13 → 60 + 10 + ☐ = ☐

2. 51 + 21 + 19 = ?
Add the numbers with the doubles first.
☐ + ☐ = ☐
Now add on the third number.
☐ + 19 = ?
☐ + ☐ → ☐ + 10 + ☐ = ☐

3. 43 + 23 + 28 = ?
Add the numbers with the doubles first.
☐ + ☐ = ☐
Now add on the third number.
☐ + 28 = ?
☐ + ☐ → ☐ + 10 + ☐ = ☐

4. 27 + 44 + 14 = ?
Add the numbers with the doubles first.
☐ + ☐ = ☐
Now add on the third number.
☐ + 27 = ?
☐ + ☐ → ☐ + 10 + ☐ = ☐

5. 26 + 36 + 25 = ?
Add the numbers with the doubles first.
26 + 36 → 50 + 12 →
50 + 10 + 2 = 62
Now add on the third number.
62 + 25 = ☐

FRIDAY: Challenge

1.
T	U
5	7
+ 3	6
☐	

2.
T	U
9	7
+ 4	3
☐	

3. 9 + 6 + 9 = ☐

4. How much money in the piggy bank?
☐ c

5. Write the time shown on the clock.
☐ c

6. There are 38 bottles in a recycling bin. If Jake puts in 25 more, how many bottles are in the recycling bin then?
☐

7. Put these numbers in order starting with the smallest. 58 85 79
☐ ☐ ☐

8. Write the correct sign (<, > or =) in the box.
56 ☐ 65

9. Name the shape.
☐

10. ½ of 16 = ☐

11. There were 48 children at a party. 16 of them went home before the end. How many children were left at the party?
☐

12. What fraction of the shape is coloured green?
☐

MONDAY: Target Boards

27	35	43	56
41	95	64	39
29	49	52	47
70	53	66	75

1. Add 22 to all the numbers on the top row.

2. Add 23 to all the numbers on the bottom row.

3. Subtract 22 from all the numbers on the second column.

4. Subtract 23 from all the numbers on the fourth column.

5. If you count in 5s, colour yellow all the numbers you would say.

6. List the numbers on the bottom row from biggest to smallest:

7. What is the sum of the biggest and smallest numbers on the first column?

8. What is the difference in the biggest and smallest numbers on the third row?

9. What number on the Target Board has the same number of tens as units?

10. What number on the Target Board has the same number of tens as units?

TUESDAY: Counting Stick

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the 100 Square to do the following sums.

1. 37 + 10 + 15 =

2. 46 + 10 + 17 =

3. 27 + 20 + 35 =

4. 28 + 20 + 43 =

5. 34 + 30 + 29 =

6. 45 + 25 + 20 =

7. 39 + 26 + 10 =

8. 18 + 40 + 39 =

9. 30 + 48 + 10 =

10. 30 + 18 + 36 =

11. Fill in the missing numbers

	139	

12. Fill in the missing numbers

	160	

Start Time	Screen 1	Screen 2
Frozen	6:00	
Mowgli		6:00
The Little Mermaid	8:00	
Christopher Robin		7:45
Sherlock Gnomes	9.30	
Peter Rabbit		9:15

	Admission
Child	€4
Adult	€5

	Price
Popcorn	€1.20
Bag of Sweets Mix	€1.50
Drink	€1.60

1. At what time does The Little Mermaid begin?

2. On what screen is Mowgli being shown?

3. What two films begin at the same time?

and

4. What is the latest film to be shown?

5. If Danny and Sarah arrive at the cinema with their parents at ¼ past 7, how many minutes will they have to wait until Christopher Robin begins?

minutes

6. How many minutes are there between the start of Peter Rabbit and Sherlock Gnomes?

minutes

7. What does it cost altogether for Danny, Sarah and their parents to get into the cinema?

€

8. If Danny gets popcorn and a drink, how much does it cost him?

€

9. If Sarah gets a bag of sweets mix and a drink, how much does it cost her?

€

10. How much does it cost Danny and Sarah altogether for their snacks and drinks?

€

THURSDAY: Addition of 3 numbers by making 10

Example: 27 + 35 + 23 = ?
Add the numbers where the units make 10 first.
27 + 23 → 40 + 10 → 50
Now add on the third number.
50 + 35 = ?
50 + 30 + 5 = 85

1. 36 + 27 + 14 = ?
Add the numbers where the units make 10 first.
36 + 14 → 40 + 10 → 50
Now add on the third number.
50 + 27 = ?
50 + 20 + ☐ = ☐

2. 48 + 22 + 16 = ?
Add the numbers where the units make 10 first.
48 + 22 → ☐ + 10 → ☐
Now add on the third number.
☐ + 16 = ?
☐ + 10 + 6 = ☐

3. 24 + 46 + 25 = ?
Add the numbers where the units make 10 first.
☐ + ☐ → ☐ + 10 → ☐
Now add on the third number.
☐ + ☐ = ☐
☐ + ☐ + ☐ = ☐

4. 25 + 19 + 31 = ?
Add the numbers where the units make 10 first.
☐ + ☐ → ☐ + 10 → ☐
Now add on the third number.
☐ + ☐ = ☐
☐ + ☐ + ☐ = ☐

5. 19 + 33 + 37 = ?
Add the numbers where the units make 10 first.
☐ + ☐ → ☐ + 10 → ☐
Now add on the third number.
☐ + ☐ = ☐
☐ + ☐ + ☐ = ☐

FRIDAY: Challenge

1.

T	U
6	4
+ 2	6
☐	

2.

T	U
8	5
+ 3	0
☐	

3. 8 + 8 + 8 = ☐

4. How much money in the piggy bank?

☐ c

5. Write the time shown on the clock.

☐ c

6. There are 78 televisions in the TV store. If 35 of them are sold in the sale, how many are left?
☐

7. Put these numbers in order starting with the smallest. 163 148 136
☐ ☐ ☐

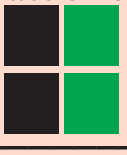
8. Write the correct sign (<, > or =) in the box.
9 + 8 ☐ 10 + 6

9. Name the shape.
☐

10. ¼ of 20 = ☐

11. Second and Third Classes went on a school trip. There were 29 pupils in Second Class and 32 pupils in Third Class. How many pupils went on the trip altogether?
☐

12. What fraction of the shape is coloured green?
☐



57	98	65	75
36	42	25	64
51	72	30	43
87	45	76	34

1. Add 24 to all the numbers on the third row.

2. Add 25 to all the numbers on the fourth column.

3. Subtract 24 from all the numbers on the fourth row.

4. Subtract 35 from all the numbers on the first row.

5. List the numbers on the first column from lowest to highest:

6. List the numbers on the second column from highest to lowest:

7. What is the sum of the biggest and smallest numbers on the second row?

8. What is the difference in the biggest and smallest numbers on the first row?

9. What number on the Target Board comes between 79 and 90?

10. Round the numbers on the second row to the nearest 10:

36 → 42 →

MONDAY: Target Boards

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the 100 Square to do the following sums.

1. (46 - 10) - 14 =

2. (57 - 20) - 5 =

3. (78 - 10) - 23 =

4. (60 - 30) - 14 =

5. (96 - 40) - 45 =

6. (77 - 42) - 20 =

7. (99 - 55) - 10 =

8. (73 - 32) - 31 =

9. (89 - 24) - 43 =

10. (87 - 43) - 21 =

11. Fill in the missing numbers

	180	

12. Fill in the missing numbers

	149	

TUESDAY: Counting Stick

Danny and Sarah are on their way to the big match in Croke Park with their Mum and Dad. They arrive at the train station at 10 o'clock and Mum goes to buy the train tickets. Adult tickets cost €25 each while a child ticket costs €13. The journey on the train to Dublin will take 90 minutes.

1. How much does it cost altogether for Mum and Dad's tickets?

€ _____

2. How much does it cost altogether for Danny and Sarah's tickets?

€ _____

3. How much does Mum pay for all the tickets?

€ _____

4. At what time will the train arrive in Dublin?

_____

There are 80 seats on the train carriage that they get on. After Danny, Sarah, Mum and Dad sit down, there are 16 empty seats. When the train stops in Maynooth, 15 passengers get on the train carriage and 10 passengers get off.

5. How many passengers are on the train carriage when it leaves the train station?

_____

6. How many passengers are on the train carriage when it leaves Maynooth?

_____

7. How many empty seats are on the train carriage when it leaves Maynooth?

_____

When they arrive in Dublin, they go to a small restaurant beside the River Liffey. Danny orders Fish and Chips while Sarah orders Chicken Nuggets and Chips. Mum and Dad each order a Turkey and Ham dinner. The Fish and Chips costs €8.20 while the Chicken Nuggets and Chips costs €7.50. The Turkey and Ham dinners costs €9.40 each.

8. How much altogether for Danny and Sarah's meals?

€ _____

9. How much altogether for Mum and Dad's meals?

€ _____

10. What is the difference in price between the Fish and Chips and the Turkey and Ham dinner?

€ _____

THURSDAY: Subtraction: Counting On

Example: 45 - 8 = ?
We will solve this by working out how many we count on to 8 to get to 45.

8 → 10 → 40 → 45
(+2) (+30) (+5)
2 + 30 + 5 = 37

1. 34 - 6 = ?

6 → 10 → 30 → 34

☐ + ☐ + ☐ = ☐

2. 55 - 7 = ?

7 → 10 → 50 → 55

☐ + ☐ + ☐ = ☐

3. 62 - 5 = ?

5 → 10 → 60 → 62

☐ + ☐ + ☐ = ☐

4. 47 - 9 = ?

9 → 10 → 40 → 47

☐ + ☐ + ☐ = ☐

5. 83 - 7 = ?

7 → 10 → 80 → 83

☐ + ☐ + ☐ = ☐

6. 74 - 9 = ?

9 → 10 → 70 → 74

☐ + ☐ + ☐ = ☐

7.

T	U
3	6
-	7

8.

T	U
6	3
-	5

9.

T	U
4	4
-	6

10.

T	U
7	2
-	8

FRIDAY: Challenge

1.

T	U
4	9
+	3 5

2.

T	U
9	9
-	4 6

3. 5 + 7 + 7 = ☐

4. How much money in the piggy bank?

€ ☐

5. Write the time shown on the clock.

☐ c

6. There are 67 shirts in Tom's wardrobe. If his Mum gives 25 of them to the charity shop, how many are left?

☐

7. Put these numbers in order starting with the biggest. 108 180 119

☐ ☐ ☐

8. Write the correct sign (<, > or =) in the box.

15 - 8 ☐ 17 - 10

9. Name the shape.

☐

10. Draw a circle around the one with more.

¼ of 16 or ½ of 12

11. In a basketball game, the Ravens score 47 points. The Eagles score 17 points more than the Ravens. How many points do the Eagles score?

☐

12. Colour ¼ of the rectangle blue?

13.

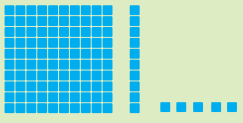
(89 - 40) - 14 = ☐

MONDAY: Target Boards

136	79	175	93
164	158	47	129
68	142	198	115

Colour the numbers on the Target Board that the following cubes represent.

1. Colour the number on the Target Board blue.



2. Colour the number on the Target Board red.

3. Colour the number on the Target Board green.

4. Colour the number on the Target Board orange.

5. Colour the number on the Target Board pink.

6. Colour the number on the Target Board purple.

7. Colour the number on the Target Board brown.

8. What numbers on the Target Board have exactly 6 tens?

_____ and _____

TUESDAY: Counting Stick

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the 100 Square to do the following sums.

1. (54 - 10) - 17 = _____
2. (85 - 30) - 36 = _____
3. (93 - 49 - 20 = _____
4. (62 - 47) - 10 = _____
5. (81 - 23) - 40 = _____
6. (78 - 27) - 14 = _____
7. (95 - 42) - 26 = _____
8. (44 + 10) - 17 = _____
9. (38 + 20) - 19 = _____
10. (84 + 10) - 25 = _____
11. Fill in the missing numbers

139		

12. Fill in the missing numbers

		181