MONDAY: Target Boards

346	739	658	352
637	498	575	964
486	669	783	654
472	757	527	335

If my target number is 210, what must I do to each number on the top row? Add or take away?

1. To get from 346 to 210, I must _____

2. To get from 739 to 210, I must _____

3. To get from 658 to 210, I must _____

4. To get from 352 to 210, I must _____

If my target number is 320, what must I do to each number on the second row? Add or take away?

5. To get from 637 to 320, I must _____

6. To get from 498 to 320, I must _____

7. To get from 575 to 320, I must _____

8. To get from 964 to 320, I must _____

If my target number is 413, what must I do to each number on the third row? Add or take away?

9. To get from 486 to 413, I must _____

10. To get from 669 to 413, I must _____

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

1. Fill in the missing numbers.

2	4			10

2. Fill in the missing numbers.

14	16			

3. Fill in the missing numbers.

8				16

4. Fill in the missing numbers.

16		20		

5. Fill in the missing numbers.

14	12			

6. Fill in the missing numbers.

20			14	

7. Fill in the missing numbers.

24				16

8. Fill in the missing numbers.

10				2

9. Fill in the missing numbers.

24	26			

10. Fill in the missing numbers.

36	34			

Danny is looking for a new device to play his music on. He is choosing between a blue one and a black one. The blue one normally costs €260 and the black one costs €200. However, there is a special offer on both devices today. The blue one can be bought at half price today and the black one has a discount of €65 today.

1. How much can the blue device be bought for today?

€ _____

2. How much can the black device be bought for today?

€ _____

3. If someone bought a blue device and a black device today, how much would they pay altogether?

€ _____

4. What would be the normal total price of the blue device and black device?

€ _____

Sarah is looking for a new tablet. She is choosing between a red one, a white one and a black one. The price of the red one is €284, the price of the white one is €262 and the price of the black one is €300.

5. What is the difference in price between the red tablet and the white tablet?

€ _____

6. What is the difference in price between the black tablet and the red tablet?

€ _____

7. What is the difference in price between the black tablet and the white tablet?

€ _____

8. If there is a half price special offer on tablets today, how much will Sarah pay for the red tablet?

€ _____

Danny buys the blue device and Sarah buys the red tablet. Their Mum gives the shop assistant €300 and the shop assistant gives her change.

9. What is the total price that Danny and Sarah must pay for the device and tablet?

€ _____

10. How much change does the store assistant give Mum?

€ _____

THURSDAY: Subtraction

Example
685 - 324 = ?
685 - 324 → (685 - 300 - 20) - 4
365 - 4 = 361

1. 738 - 415 = ?
738 - 415 → (738 - 400 - 10) - ☐
328 - ☐ = ☐

2. 879 - 634 = ?
879 - 634 → (879 - 60 - 30) - ☐
249 - ☐ = ☐

3. 565 - 425 = ?
565 - 425 → (565 - ☐ - ☐) - 5
☐ - 5 = ☐

4. 947 - 432 = ?
947 - 432 → (947 - ☐ - ☐) - 2
☐ - 2 = ☐

5. 659 - 446 = ?
659 - 446 →
(659 - ☐ - ☐) - ☐
☐ - ☐ = ☐

6. 757 - 514 = ?
757 - 514 →
(757 - ☐ - ☐) - ☐
☐ - ☐ = ☐

7. 952 - 351 = ?
952 - 351 →
(952 - ☐ - ☐) - ☐
☐ - ☐ = ☐

8. 468 - 414 = ?
468 - 414 →
(468 - ☐ - ☐) - ☐
☐ - ☐ = ☐

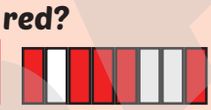
FRIDAY: Challenge

1. What is the value of the 4 in the number 549?

2. Round 372 to the nearest hundred.

3. Name the shape.

4. What fraction of the rectangle is coloured red?



5. Write the time shown on the clock in analogue form.

past

6. What is ¼ of 32?

7. Write 6/10 as a decimal number.

8. If ½ of a number is 7, what is the whole number?

9. Write 253c using the € sign.

€

10. Write 0.1 as a fraction.

11. 347 + 232 =

12. 596 - 235 =

13. Show 3:45 on the clock.

14. How many times can you take 5 away from 35?

MONDAY: Target Boards

548	273	484	659
362	841	765	284
797	388	853	435
647	823	534	266

If my target number is 430, what must I do to each number on the third row? Add or take away?

1. To get from 797 to 430, I must _____

2. To get from 388 to 430, I must _____

3. To get from 853 to 430, I must _____

4. To get from 435 to 430, I must _____

If my target number is 877, what must I do to each number on the fourth row? Add or take away?

5. To get from 647 to 877, I must _____

6. To get from 823 to 877, I must _____

7. To get from 534 to 877, I must _____

8. To get from 266 to 877, I must _____

If my target number is 241, what must I do to each number on the second row? Add or take away?

9. To get from 362 to 241, I must _____

10. To get from 841 to 241, I must _____

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

1. Fill in the missing numbers.

8	12			24

2. Fill in the missing numbers.

20	24			

3. Fill in the missing numbers.

4				20

4. Fill in the missing numbers.

32		40		

5. Fill in the missing numbers.

28	24			

6. Fill in the missing numbers.

		28	24	

7. Fill in the missing numbers.

	40			32

8. Fill in the missing numbers.

		40		32

9. Fill in the missing numbers.

40	44			

10. Fill in the missing numbers.

60	56			

Danny's local soccer club has organised a 7-a-side soccer tournament. Eight teams are taking part with each team being allowed 3 subs as well as the 7 players on each team.

1. How many subs will there be altogether on the 8 teams?

2. How many players will there be taking part altogether not counting subs?

3. How many players altogether will be taking part including subs?

The tournament starts at 1:15pm and finishes at 5:40pm. Each game has 8 minutes per half with 4 minutes break at half time. Danny comes on as a sub in the first game. When Danny comes on there have been 2 minutes played in the second half.

4. How long does the tournament last?

_____ hours _____ minutes

5. If the first game starts at 1:15pm at what time will it finish?

6. How many minutes does Danny play for in the first game?

7. How many minutes of the first game does Danny not play?

8. How many games would be played in 1 hour if each game was played one after the other?

Danny's team plays 6 games in total. The team scores 24 goals altogether and wins all its matches. Danny is delighted as his team has won the tournament. His Mum and Dad as well as Sarah are very proud of Danny.

9. How many minutes in total does Danny's team play in the tournament?

10. If Danny's team scores the same number of goals in each match, how many goals does the team score in each match?

THURSDAY: Subtraction

Example
483 - 124 = ?
483 - 124 → (483 - 100 - 20) - 4
363 - 4 = 359

1. 261 - 143 = ?
261 - 143 → (261 - 100 - 40) - ☐
121 - ☐ = ☐

2. 532 - 225 = ?
532 - 225 → (532 - 200 - 20) - ☐
532 - ☐ = ☐

3. 454 - 146 = ?
454 - 146 → (454 - ☐ - ☐) - 6
☐ - 6 = ☐

4. 786 - 358 = ?
786 - 358 → (786 - ☐ - ☐) - 8
☐ - 8 = ☐

5. 963 - 417 = ?
963 - 417 →
(963 - ☐ - ☐) - ☐
☐ - ☐ = ☐

6. 384 - 239 = ?
384 - 239 →
(384 - ☐ - ☐) - ☐
☐ - ☐ = ☐

7. 547 - 118 = ?
547 - 118 →
(547 - ☐ - ☐) - ☐
☐ - ☐ = ☐

8. 760 - 352 = ?
760 - 352 →
(760 - ☐ - ☐) - ☐
☐ - ☐ = ☐

FRIDAY: Challenge

1. What is the value of the 7 in the number 726?
☐

2. Round 847 to the nearest hundred.
☐

3. Name the shape.
☐ 

4. What fraction of the rectangle is coloured red?
☐ 

5. Write the time shown on the clock in analogue form.
☐ to 

6. What is 1/8 of 48?
☐

7. Write 3/10 as a decimal number.
☐

8. If ¼ of a number is 6, what is the whole number?
☐

9. Write 406c using the € sign.
€ ☐

10. Write 0.5 as a fraction.
☐

11. 607 + 148 = ☐

12. 756 - 338 = ☐

13. Show 9:20 on the clock.


14. How many times can you take 6 away from 36?
☐

MONDAY: Target Boards

16	56	35	7
6	4	9	72
63	40	24	5
20	36	8	42

1. Find two numbers on the Target Board that have a product of 20.

_____ and _____

2. Find two numbers on the Target Board that have a product of 36.

_____ and _____

3. Find two numbers on the Target Board that have a product of 35.

_____ and _____

4. Find two numbers on the Target Board that have a product of 63.

_____ and _____

5. Find two numbers on the Target Board that have a product of 42.

_____ and _____

6. Make a multiplication number sentence using the number 72 and two other numbers from the Target Board.

_____ x _____ = 72

7. Make a multiplication number sentence using the number 56 and two other numbers from the Target Board.

_____ x _____ = 56

8. Make a division number sentence using the number 40 and two other numbers from the Target Board.

40 / _____ = _____

9. Make a division number sentence using the number 36 and two other numbers from the Target Board.

36 / _____ = _____

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

1. Fill in the missing numbers.

8	16			

2. Fill in the missing numbers.

16				48

3. Fill in the missing numbers.

	40	48		

4. Fill in the missing numbers.

48				80

5. Fill in the missing numbers.

88	80			

6. Fill in the missing numbers.

	48	40		

7. Fill in the missing numbers.

	88	80		

8. Fill in the missing numbers.

40				8

9. Fill in the missing numbers.

80	88			

10. Fill in the missing numbers.

	120	112		

A strategy is a plan that helps us to solve a problem.

The RUDE strategy can help us solve word problems in Maths.

Read the problem
Underline the key words
Draw a picture
Estimate or Evaluate your answer

Use the RUDE strategy to solve the following problems.
Remember to look out for the words altogether and difference.

1. On Saturday 362 people visited the cinema. On Sunday 235 people visited the cinema. How many people visited the cinema on Saturday and Sunday altogether?

2. Three planes left Dublin Airport on Friday flying to Madrid. There were 240 passengers on the first plane, 225 passengers on the second plane and 220 passengers on the third plane. How many passengers altogether flew on the three planes?

3. 759 visitors visited Fota Wildlife Park before lunch and 523 visited after lunch. What was the difference in passenger numbers before and after lunch

4. Sarah Rose has 500 ml of water in a bottle. Pádraig has 350ml of water in his bottle. What is the difference in the amount of water in their bottles?

5. Jack is buying a new bike. The price of a red mountain bike is €846 while the price of a blue racing bike is €730. What is the difference in price between the two bikes?

6. 3650 people attended the County Final. The game ended in a draw. 4240 people attended the replay. How many people attended the two games altogether?

7. Aoife walked 9780 steps on Monday and walked 7250 steps on Tuesday. What was the difference in the number of steps she walked?

THURSDAY: Making 100: Counting On

Example: 37 + ? = 8
We will solve this by working out how many we count on to 37 to get to 100.
37 → 40 → 100 (+3, +60)
3 + 60 = 63

1. 49 + ? = 100
49 → 50 → 100
__ + __ = __

2. 64 + ? = 100
49 → 70 → 100
__ + __ = __

3. 23 + ? = 100
23 → 30 → 100
__ + __ = __

4. 58 + ? = 100
58 → 60 → 100
__ + __ = __

5. 61 + ? = 100
61 → 70 → 100
__ + __ = __

6. 35 + ? = 100
35 → 40 → 100
__ + __ = __

7. 76 + ? = 100
76 → 80 → 100
__ + __ = __

8. 42 + ? = 100
42 → 50 → 100
__ + __ = __

9. 63 + ? = 100
63 → 70 → 100
__ + __ = __

FRIDAY: Challenge

1. What is the value of the 3 in the number 1360?

2. Round 650 to the nearest hundred.

3. Name the shape.

4. What fraction of the rectangle is coloured blue?

5. Write the time shown on the clock in analogue form.

__ to __

6. What is ¼ of 28?

7. Write 9/10 as a decimal number.

8. If ¼ of a number is 9, what is the whole number?

9. Write 750c using the € sign.

€ __

10. Write 0.6 as a fraction.

11. 335 + 209 = __

12. 835 + 407 = __

13. Show 8:40 on the clock.

14. How many times can you take 4 away from 32?

MONDAY: Target Boards

325	382	347	361
739	764	792	773
556	518	539	588
963	936	942	919

If my target number is 400, what must I add to each number on the first row?

1. To get from 325 to 400, I must _____

2. To get from 382 to 400, I must _____

3. To get from 347 to 400, I must _____

4. To get from 361 to 400, I must _____

If my target number is 800, what must I add to each number on the second row?

5. To get from 739 to 800, I must _____

6. To get from 764 to 800, I must _____

7. To get from 792 to 800, I must _____

8. To get from 773 to 800, I must _____

If my target number is 600, what must I add to each number on the third row?

9. To get from 556 to 600, I must _____

10. To get from 518 to 600, I must _____

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

1. Fill in the missing numbers.

62	64	66		

2. Fill in the missing numbers.

86			94	

3. Fill in the missing numbers.

94	96			

4. Fill in the missing numbers.

56	60	64		

5. Fill in the missing numbers.

80		88		

6. Fill in the missing numbers.

96			112	

7. Fill in the missing numbers.

80	88			

8. Fill in the missing numbers.

112			144	

9. Fill in the missing numbers.

164		180		

10. Fill in the missing numbers.

120				140