

## Maths Fluency Hard

### Monday

Fill in the missing numbers. Use the inverse to help you.

E.g  $456 + ??? = 674$       So I would use  $674 - 456 = ???$  to tell me the missing number

1)  $645 + ??? = 864$

2)  $219 + ??? = 942$

3)  $173 + ??? = 375$

4)  $536 + ??? = 715$

5)  $185 + ??? = 390$

















### Tuesday

Complete the following table. One has been done for you as an example.

*Hint: Think of your number bonds!*

Item	Cost	Paid with	Change
Teddy	£1.25	£5.00	£3.75
Football	£3.55	£5.00	
Shirt	£7.50	£10.00	
PS4 game	£4.30	£10.00	
Trainers	£12.47	£20.00	

### Wednesday

				28
				30
				18
				20
?	30	23	22	

Each shape has a value. See if you can calculate the final sum and the value of each shape.

Square =

Hexagon =

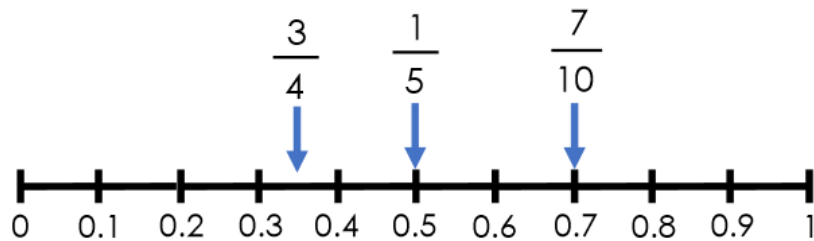
Triangle =

Circle =

### Thursday

## True or false?

Which fraction(s) have been positioned correctly?



Explain which ones are not placed correctly. Try and redraw the number and place the fractions on it correctly.

### Friday

0	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

Below are 8 clues as to what number I am thinking of. Try and figure out what number I am thinking of.

1. The number is greater than 9.
2. The number is not a multiple of 10.
3. The number is a multiple of 7.
4. The number is odd.
5. The number is not a multiple of 11.
6. The number is less than 200.
7. Its ones digit is larger than its tens digit.
8. Its tens digit is odd

The number is .....