

FRIDAY MATHS

Dip and Pick card 14

We have included further steps this week to challenge and grow your brains. You can choose how far you take this challenge. Complete it in this order; **orange, blue, pink, red, yellow and finally purple**.

Leighton and Marlin each pick a number.
They add the two numbers together.
The total is 750.
Leighton's number is 660.
What number does Marlin have?

What if...
...you invent a game using multiples of 100 and 10?

Marlin picks another card.
He says this number is a multiple of 5.
He says that it is also odd and is between 76 and 141.
He says that when he adds the digits together it makes an odd number.
What number could he have picked?

CARD 14
Marlin and Leighton have some number cards.
Marlin picks a number.
It is 50 less than 434.
What number did he pick?

Marlin and Leighton have some number cards.
Marlin picks a number.
It is 50 less than 434.
What number did he pick?
Leighton picks a number.
It is 300 more than Marlin's number.
What number did Leighton pick?

Marlin and Leighton pick a new number.
They add up to 155.
Leighton's number is 75.
Is Marlin's number more or less than Leighton's number?
Explain how you know.

What if...

Less straight forward

Finding all possibilities

Explain

Instructions left out

More steps

Simple

+/- multiples of 10 and 100

FRIDAY MATHS – Odd one out

For pupils – Steps to success

1. Look carefully at each item in the set.
2. Ask what is the same across some of the items in the set? What is different?
3. Look for patterns and begin to form generalisations to explain why one item may be the odd one out.

1 Look at these images. Which is the odd one out?



a)



b)

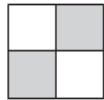


c)



d)

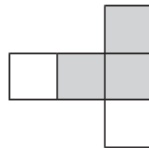
2 Look at these fractions. Which is the odd one out?



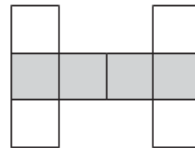
a)



b)



c)



d)

3 Look at these shopping receipts. Which is the odd one out?

RECEIPT	
Oranges	85p
Milk	76p
Soap	99p
Beans	54p

a)

RECEIPT	
Grapes	98p
Nuts	86p
Milk	76p
Carrots	41p

b)

RECEIPT	
Bread	81p
Milk	76p
Cheese	97p
Soup	60p

c)

4 Look at these times. Which is the odd one out?



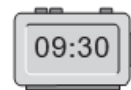
a)



b)



c)



d)