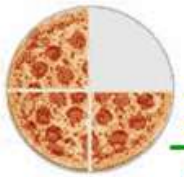
10.1 Add and subtract 2 fractions with the same denominator within one whole.



Fact File:

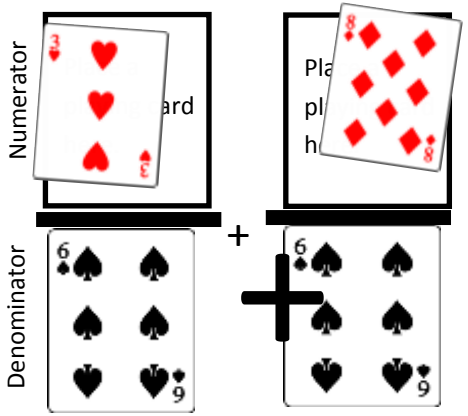
3 ← Numerator

4 ← Denominator

Eg: $\frac{3}{12} + \frac{4}{12} = \frac{7}{12}$

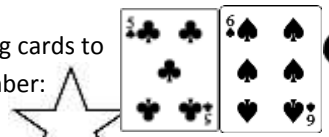
10.2 Add and subtract 2 fractions with the same Denominator

Use the Maths mat to generate fraction calculations. Don't forget to change the numerators every so often.

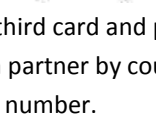


10.3 Starting at any given number, count forwards and backwards in steps of any given number, Including through zero to include negative numbers

Turn over two playing cards to generate a start number:



56



Then turn over a third card and play 'ping pong' with a partner by counting on or back in that number.

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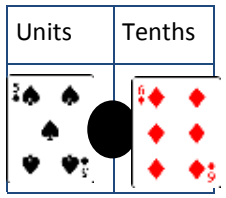
10.4 Double any number with up to 1 decimal place

Eg double 6.4 = 12.8

Double 1.9 = 3.8



Use the Maths mat and some playing cards to generate random calculations. How many can you answer in 30 seconds?

11.2

Neptune

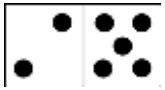
Colour the star when you think you have the skill. Remember, you should aim to answer each question in 3 seconds (try to answer 10 or more in 30 seconds). Your teacher will let you know the next time there's an assessment.

10.5 Halve any number with up to 1

Eg half of 4.6 = 2.3

or half of 7.3 = 3.65

Pick a domino, the first digit as a unit number and the second as a tenth. Then halve your number. How many dominoes can you do



Half of 2.5 is 1.25

10.6 Recall quickly multiplication facts up to 12 X1 2 and use them to multiply pairs of multiples of 10 and 100

Use a pack of cards and some post-it notes to generate calculations

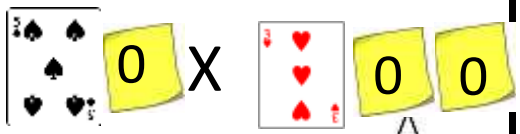
For example:

3 X 7 = 21

so 30 X 70 = 2100

4 X 2 = 8

so 40 X 200 = 8000



15,000!

10.7 Recall quickly division facts of all tables up to 12 X 12 and use them to divide pairs of multiples of 10 and 100.

For example:

24 ÷ 6 = 4

So 240 ÷ 4 = 60

32 ÷ 8 = 4

So 3200 ÷ 80 = 40

How many different calculations can you think of using the number fact that 21 ÷ 3 = 7? (eg 210 ÷ 7 = 30

or 300 X 70 = 21000)

Don't forget to try ***MyMaths or sumdog*** for great games and ideas to improve your mental maths skills. Also try challenging yourself against the clock. Can you beat your personal best?

MyMaths.co.uk