7.1 Recognise multiples of 2, 5 and 10 up to 1000

Fact File:

Multiples of 2 must end in 0,2,4,6 or 8

Multiples of 5 must end in 5 or 0

Multiples of 10 must end in a zero

Use a sticker to make jacks, kings and queens zeroes then lay out three cards to make a number eg:

0 Makes : 850

850 is multiple of 2, 5 and 10!

7.2 Double any 2 digit number

Eg:

Double 38 = 76

Double 43 = 86

Double 97 = 194

Tens	Units

Remove the 10's, and picture cards from a pack then, using Maths mat one, place a playing card in the tens column and one in the units column . Practise doubling the number you make. How many questions can you answer in 30 seconds?

142!

7.3 Halve any 2 digit number

Eg:

Half of 36 = 18

Half of 67 = 33.5 or 33½

Half of 72 = 36

Using Maths mat one again, place a playing card in the tens column and one in the units. How quickly can you halve the number. To start with, revisit halving multiples of ten or use two dice to generate the numbers.

Tens	Units

7.4 Know by heart multiplication facts for 7, up to 7 X 12

Dice:

Roll a dice, then multiply the number by 7. When you are confident, try adding an extra dice.

Keep it real!

If I eat 5 pieces of fruit each day, how many pieces of fruit will I have eaten in a week?

Jupiter

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.

7..5 Know by heart all division facts for 7, up to 7 X 12

6 X 7 = 42 so 42 ÷ 7 = 6

3 X 7= 21 so 21 ÷ 7 = 3

Use a pack of cards to generate calculations. Use the jack as 11 and the Queen as 12. Multiply the card by 7 .then say the related division fact.

9 x 7 = 63 so 63 ÷ 7 = 9

7.6 and 7.7 Know by heart all multiplication and division facts for 8 up to 8X

3 X 8 = 24	24÷ 8= 3
8 X 3 =24	24÷ 3 = 8

multiplication facts
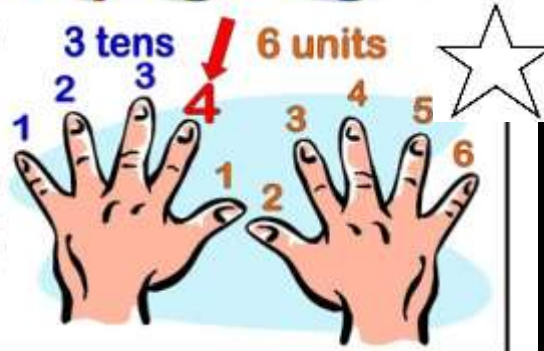
division facts

7.8 Know by heart all multiplication facts for 9, up to 9 X 12

Multiply by 9

4x9= 36   3 tens   6 units

- Spread your 10 fingers in front of you, palm down.
- Count your fingers from the left pinkie to the number you are multiplying by 9 (in this case, the number is 4, so you count to the left index finger).
- The number of fingers to the left of that finger (3) is the number of 10s (30), and the number of fingers to the right of that finger (6) is the number of ones.
- In this example, the answer is 3 tens and 6 ones, or 36.

7.9 Know by heart all division facts for 9, up to 9 X 12

Use the multiplication grid (overleaf) to help. As you get quicker, cover up some of the numbers until you're confident without the grid.

Don't forget to try **MyMaths** for lots of fun games to help learn your timestables.