Today's practice session will contain of 2 parts. One will be the magic squares followed by mental maths tasks of various difficulty.

You do not have to complete them all. Start with what you feel comfortable with and then challenge yourself.

Magic squares

			15
			17
	4	6	13
10	12	23	18

	3	7	19
8		5	15
			11
23	6	16	15

		4	11
8			18
			16
11	18	16	18

	7	8	18
			8
4			19
9	14	22	13

Mental maths

1   ... + ... +... = 63

2   How many 5's make up 30?

3   ... x ... = 21

4   I doubled the number added 6 and got 20. What was the number?

5   It is 4.15a.m. How many hours and minutes until midday? (think whether you need to count forward or backward)

6   195 - ... = 80

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7   What is one eighth of 48?

8   Half of 248 =

9     $18.15 + $23.45 =

10   84 + ... = 120

11   ... + 42 + ... = 90

12   36 + 63 =

13   What is one seventh of 420?

14   It is 5.15 a.m. How many hours and minutes ago was midnight?

15   1/6 of 54 =

16   I tripled the number, took away 3 and got 18. What was the number?

17   4 times 6 times 4 take away 19 then divide by 11

18   5914 + 2705 + 72 + 525 =

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19   630 shared between 7 =

20   John went on a hike. His walking speed was 5 km an hour. He walked 9 hours and 30 minutes a day for 2 days. What distance did John cover in this time?

21   Convert these decimal fractions in to common fractions: 4.09; 2.7; 0.06

22   Convert 25/7 to a mixed fraction and simplify if possible.

23   To solve these equations, you will need to solve the multiplications before you do the addition. First one is done for you. 7 + (11 x 4) = 51

537 - 88 + (9 x 6) =

(19 x 9) – 65 + 23 =

24   I had $92.25. First, I've spent $21.70, then $19.65 and finally $11.30. How much money was I left with?