Brain and Memory Foundation
Memory Strategies Worksheet 5.

Do your best to work out your answers mentally and resist looking at the answers!

Using more numbers to exercise Working Memory.

Use these columns in several ways - across, down and then working your way up the columns.
Try from right to left! Time yourself as you work though the calculations. They can be done often.
Replace the + sign with a minus, division or multiplication sign for further practice.

1. $158 + 482$	11. $220 + 122$	21. $450 + 127$	31. $278 + 220$	41. $283 + 230$
2. $142 + 260$	12. $385 + 154$	22. $46 + 382$	32. $401 + 207$	42. $140 + 375$
3. $556 + 41$	13. $436 + 74$	23. $397 + 67$	33. $417 + 14$	43. $561 + 42$
4. $631 + 5$	14. $350 + 232$	24. $289 + 334$	34. $584 + 33$	44. $97 + 376$
5. $219 + 69$	15. $29 + 572$	25. $44 + 386$	35. $334 + 264$	45. $601 + 7$
6. $287 + 220$	16. $115 + 249$	26. $596 + 15$	36. $534 + 46$	46. $221 + 34$
7. $527 + 93$	17. $475 + 9$	27. $513 + 100$	37. $453 + 9$	47. $515 + 122$
8. $464 + 118$	18. $603 + 23$	28. $212 + 277$	38. $523 + 84$	48. $536 + 84$
9. $240 + 43$	19. $377 + 2$	29. $1 + 526$	39. $629 + 11$	49. $144 + 416$
10. $74 + 258$	20. $123 + 426$	30. $269 + 187$	40. $7 + 251$	50. $473 + 8$

Interested in finding out ways to improve your speed with mental arithmetic?' Link: More Maths

Dorothy's Teasers

1. What is black when you buy it, red when you use it and grey when you throw it away?

2. This is an unusual paragraph. I'm curious as to just how quickly you can find out what is so unusual about it. It looks so ordinary and plain that you would think nothing was wrong with it. In fact, nothing is wrong with it! It is highly unusual though. Study it and think about it, but you still may not find anything odd. But if you work at it a bit, you might find out.
Try to do so without any coaching!

From Lotti: Draw this figure without lifting your pen from the paper.
From Anita: Look up Durer's Magic Square - and try this one!
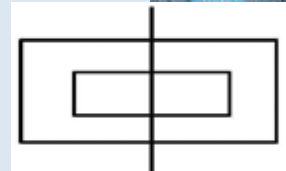
Help! What's the Number!

A man and a woman met at a party. After a long conversation, they agree to meet for dinner the next night *if the man remembers to call to confirm.* The next morning, the man remembers the digits in her number - 2, 3, 4 5, 6 and 7 - but he has completely forgotten the order. He decides to dial every combination of the numbers. What are his chances of dialling the correct one?

$$63 - 62 = 1$$

Can you move one digit to a new position so that the equation above is correct? Moving signs is not allowed.

What's the logic?

How do you pull a spool of thread so that it:
(a) rolls towards you or
(b) rolls away from you?

Another Word Building task (exercise your verbal and working memory).

Using the following letters, in any order, how many words of three or more letters can you create? Use each letter only once, plurals are allowed but no words beginning with a capital letter.

There is at least one five-letter word?   E   S   L   A   P