

Brain and Memory Foundation Worksheet 1.



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

Use your verbal and working memory.

1. 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. Can you find a five-letter word? A L K B E
2. Study this word list for 30 seconds:

temple dog ball piano chair divan chest vase umbrella staircase

Now look away and visualize as many of the words as you can. Write them down before checking the list again.

Working with numbers

3. $43 + 28 =$
 $83 - 47 =$
 $7 \times 17 =$
68 divided by 4 =
 6×3 divided by 2 plus $7 - 9 =$
 $438 + 585 =$
 $647 - 369 =$
 $13 \times 67 =$
324 divided by 27 =
 $2387 + 6844 =$
 $38 \times 723 =$
 $28 + 54 - 18 \times 2$ divided by 6 =
 $67394 + 48617 =$
 $365 \times 846 =$

Working with shapes

4.



Look at the shapes for 30 seconds. Cover them and draw as many as you can remember.

How can this be?

5. James cannot read or write or tie his shoes. He has never worked a day in his life. Despite these short-comings, James is given and extremely important, prestigious and well-paid job. How come?

(Source: Great Lateral thinking Puzzles, Sloane & McHale)