



**BRAINBOOSTERS**  
learning is child's play

# Grade 1 Mathematics

## BrainBoosters

### Word Sum Approach

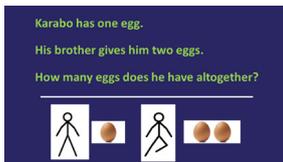


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**EXAMPLE: Karabo has one egg. His brother gives him two eggs. How many eggs does he have altogether?**

#### Step 1

Write the word problem on the board in separate rows to help learners understand or draw pictures.



#### Step 3

Teacher asks two learners to act out the word problem with concrete objects in front of the class.



#### Step 2

Teacher asks questions while pointing to each sentence and asks learners to interact by holding up their number card. E.g.

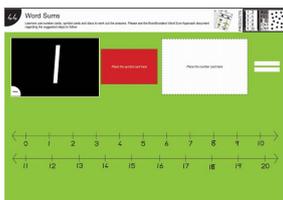
*Show me how many eggs Karabo has. Learners hold up the number card.*



Teacher underlines the number and makes sure all learners are holding up the correct card.



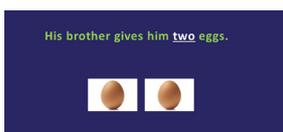
Learners place the number card on the 1<sup>st</sup> white space.



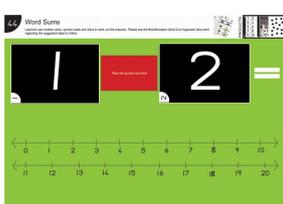
*Show me how many eggs the brother has. Learners hold up the number card.*



Teacher underlines the number and makes sure all learners are holding up the correct card.



Learners place the number card on the 2<sup>nd</sup> white space.



#### Step 4

Teacher discusses whether learners think they are going to add, subtract, compare, double or halve?

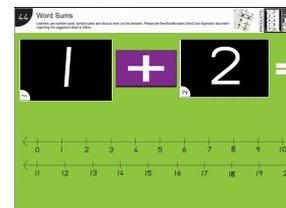
Teacher asks which symbols they are going to use.

Learners hold up the symbol card.



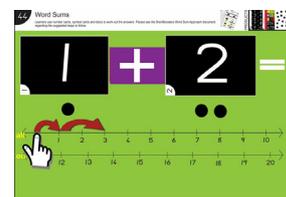
Teacher assists those learners who need help.

Learners place the symbol card between the two numbers.



#### Step 5

Learners work out the answer using fingers, discs or the number line on their page.

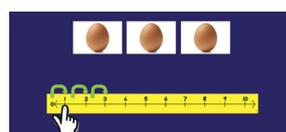


Learners hold the answer card in front of their tummy until teacher asks them to hold it up without saying it out loud.



#### Step 6

Teacher gives the answer (3 eggs) and then shows the whole class how to work out the answer on a number line.





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# Grade 1 Mathematics

## BrainBoosters

### Word Sums



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1. Stella sells apples in bags of three apples each. She has 14 apples. How many bags of three apples each can she make up?
2. Ben wants to take 15 eggs to his grandmother. How many egg boxes that can take six eggs each does he need to pack all the eggs?
3. Share 14 sweets among three friends so that they all get the same number of sweets.
4. How many wheels do four bicycles have?
5. Noluthando had five apples. Silo gave her eight apples. How many apples does she have now?
6. Noluthando had 13 apples. She gave five apples to Silo. How many apples does she have now?
7. Nosisi has 2 green marbles and double the amount of blue marbles. How many marbles does she have in total?
8. Busi has 12 sweets. If she divides the sweets among 2 friends, how many sweets will each one get?
9. Nosisi has 13 marbles. Five are green and the rest are blue. How many blue marbles does Nosisi have?
10. Nosisi has some marbles. 5 of the marbles are green and 8 are blue. How many marbles does she have altogether?
11. Nosisi has 13 bananas. Themba has five bananas. How many more bananas does Nosisi have than Themba?
12. Noluthando had some apples. Silo gave her eight more apples. Now she has 13 apples. How many apples did Noluthando have in the beginning?
13. Noluthando had five apples. Silo gave her some apples. She now has 13 apples. How many apples did Silo give her?
14. Tshepo sells hotdogs at R4 each. He sells 4 hotdogs to Busi. How much will he get from Busi?
15. John sells apples at school. He has 20 apples that he puts in 5 bags. How many apples will he put in each bag?
16. Share 14 sweets among two friends. How many sweets will each one get?
17. If Nona has 6 cars and Tumi has 5, how many cars will Tshepo have if he has the same number of cars as Nona and Tumi together?
18. Grandmother gives Kiki 10 oranges. Kiki makes juice with  $\frac{1}{2}$  of the oranges. How many oranges did she use?
19. Kiki has 5 bananas. How many will she have if she doubles it?
20. Kiki has 10 bananas. She eats a few. How many did she eat if she has 8 bananas left?
21. Mr. Khumalo plants two rows of cabbages. There are 5 cabbages in a row. How many cabbages are there altogether?
22. If Mr. Khumalo plants 2 rows of cabbages, how many cabbages will he have if there is 5 cabbages in each row.
23. If Mr. Khumalo sells one cabbage for R2. How much money will he get if he sells 5 cabbages?
24. If Mr. Khumalo plants 5 cabbages in a row, how many cabbages will he have if he doubles the row of of cabbage?
25. Mr. Khumalo has 10 cabbages. He shares it equally with Mr. Mpho. How many cabbages will Mr. Mpho get?
26. Kiki has 5 bananas. She gets another 5 bananas. How many does she have now?
27. Kiki has 20 bananas. She loses some of them. How many did she lose if she has only 10 left?
28. Kiki walks in the street with a bag of bananas. She is hungry and eats 2 bananas. How many bananas are left in the bag if there were 12 bananas at the beginning?
29. If Mpho has 11 dolls, how many dolls does Tumi have is she has 1 doll less than Mpho?
30. If Mpho has 1 doll more than Tumi, and Tumi has 10 dolls, how many dolls does Mpho have?
31. There are 20 learners in the class. If they are placed in 5 groups, how many learners will be in each group?