1.	I think of a number, add 7 to it and double the result, the answer is 40. What is the number?	5.	I think of a number and subtract 7 from it, when I double my answer I get 18. What is the number?
2.	I think of a number, multiply it by 2, add 4, the result is 26. What is the number?	6.	I think of a number and then take away 8, I double the result. If the answer is 48. What is the number?
3.	If I multipy a number by 7 and subtract 6 from the result, my answer is 29. What is the number?	7.	I think of a number, multiply it by 6 and subtract 3. My answer is 15. What is the number?
4.	A number is multiplied by itself and then halfed . If the result is 18. Find the number.	8.	I think of a number , multiply it by 2, divide the result by 3, add 4, the answer is 10. What is the number?

9.	I think of a number, subtract 4 from it. If I multiply the result by 3, my answer is 3. What is the number?	10.	A number is multiplied by itself, 4 is added to it and then doubled. If the result is 40. What is the number?

WORD PROBLEM ON FORMATION OF EQUATIONS INVOLVING TOTAL COST

1. Malunda bought 2kg of sugar at sh. 3p per kg and 1kg of salt at sh. (p + 200). If she paid sh. 3,700 altogether.
   a) Find the value of p
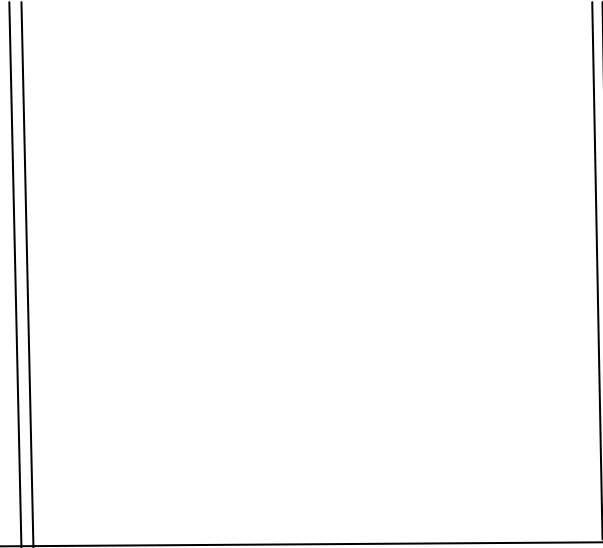
   b) How much did she spend on salt?

2. Mango had 5 books more than Sarafah. Mango and Sarafah had 27 books altogether. Find the number of books each had.

3. Mary, Peter and Paul shared sh. 36,000. Mary gets three times as much as Paul. Paul gets twice as much as Peter. How much does each get?

4. Ikiria bought 3 exercise books each at sh. (x + 500) and 4 pencils each at sh. (x – 500). If her total expenditure was sh. 6,500.

 a) How much did she spend on pencils?

 b) How much was spent on each book?

5. Namusoke's mother bought 8 books at sh. (x – 150) each and 2 mathematical sets at sh. (x + 100) each. If she spent sh. 5,300 altogether. Find the amount of money spent on books.

6. Abunga had sh. 3,000 less than Okoli and Kisamba had twice as much as Okoli. If they had sh. 12,000 altogether. How much did each get?

7. Akot walks 2km more than Akello when going to school. If they walk 8km altogether. What distance does each girl cover?

8. It costs Odoki sh. 4x to travel by bus from Lira to Kampala and sh. (x + 500) from Kampala to Jinja. Find the value of x if Odoki pays sh. 10,500 for the whole journey.

9. A Geometry set costs a half as much as a book. A book costs sh. 600 more than a fountain pen. If the total cost of the three items is sh. 6,900. Find the cost of the geometry set.

10. A sheep costs sh. 6000 more than a goat. If their total cost is sh. 114,000. Find the cost of each

11. The cost of a radio is sh. (y + 2000) and a bag costs sh. (2y – 1000). Chebet bought 3 radios and 4 bags at a total cost of sh. 24,000. How much did she pay for the radios?

12. A shirt costs sh. 2000 more than a pair of trousers. The cost of both items is sh. 20,000. Find what each item costs?

13. A table costs sh. 4000 more than a chair. If they both cost sh. 95,000. Find the cost of the table.

14. A, B and C shared sh. 75,000 such that A gets three times as much as B and C gets sh. 15,000 more than B.
    a) What does B get?

    b) How much did C get?

15. Sh. 9000 is divided among Jack, Mary and Brenda. If Mary got sh. 1500 more than Jack and Brenda go sh. 600 more than Mary.
    a) How much did Brenda get?

    b) How much did Mary get?

16. Divide sh. 150,000 among Arthur, Ben and Charles so that Ben gets sh. 2,000 more than Arthur and Charles gets sh. 1000 less than Ben. How much does each get?

17. A taxi collector charges sh. 2,000 per goat sold and sh. 1000 per cock sold. Peter sold 3 goats in the market each at same price. He also sold 2 cocks at sh. 20,000 each. If Peter took home sh. 278,000. How much did he sell each goat?

18. A market master charges sh. 200 as a tax for every goat sold and sh. 50 for every hen sold at the market. Amuge sold 3 goats and 10 hens for sh. 3,500 for every hen sold. She took home sh. 5,100 more from selling hens than goats.
    a) How much did she take home from selling hens?