**SUBJECT OF THE FORMULA**

***Summary:***

***1.*** *Subject of the formula is the formula for the required subject****.***

***2.*** *Making the subject of the formula means finding the formula for the required subject* ***(****term****).***

***EXAMPLES:***

***1.*** *Make* ***m*** *the subject in this formula* ***y = mx + c.***

***2.*** *Make* ***s*** *the subject in this formula* 

***3.*** *If*  *express* ***a*** *in terms of* ***s, u*** *and* ***t.*** *Hence find* ***a*** *when* ***s = 19,******u = 8*** *and* ***t = 2.***

***4.*** *Make* ***c*** *the subject in this formula* *hence find* ***c*** *when* ***a = 10*** *and* ***b = 15.***

***5.*** *If*  *express* ***m*** *in terms of* ***T, g*** *and* ***a.*** *Hence find* ***m*** *when*  ***T = 52, a = 3⋅2*** *and* ***g = 9⋅8.***

***6.*** *If*  *express* ***n*** *in terms of* ***k.*** *Hence find* ***n*** *when* ***k = 1.***

***7.*** *Make* ***v*** *the subject in this formula* *hence find* ***v*** *when* ***f = 6*** *and* ***u = 10.***

***8.*** *If*  *make* ***c*** *the subject of the formula*

***9.*** *Make* ***n*** *the subject in this formula*

***10.*** *Make* ***V*** *the subject in this formula*  *Hence find* ***V*** *when* ***R = 5r***

***11.*** *If*  *make* ***c*** *the subject of the formula****.*** *Hence find* ***r*** *when*  ***s = 93, a = 3*** *and* ***k = 48.***

***12.*** *If*  *make* ***r*** *the subject of the formula****.***

***13.*** *If*  *make* ***b*** *the subject of the formula****.*** *Hence find the values of* ***b*** *when* ***c = 10*** *and* ***a = 6.***

***14.*** *If*  *make* ***y*** *the subject of the formula****.*** *Hence find the values of* ***y*** *when* ***a = 4, b = 8*** *and* ***x = 5.***

***15.*** *If*  *make* ***x*** *the subject of the formula****.*** *Hence find the values of* ***x*** *when* ***a = 2, b = −4*** *and* ***c = −6.***

***16.*** *Make* ***r*** *the subject in this formula*  *Hence find* ***r*** *when* ***v = 38⋅808*** *and* 

***17.*** *Make* ***b*** *the subject in this formula*  *Hence find* ***b*** *when* ***c = 864*** *and* ***a = 0⋅2.***

***18.*** *Make* ***r*** *the subject in this formula* 

***19.*** *Make* ***r*** *the subject in this formula*  *hence find* ***r*** *when*

***A = 8,820, p = 8,000*** *and* ***n = 2.***

***20.*** *If*  *make* ***w*** *the subject of the formula*

***21.*** *Make* ***d*** *the subject in this formula* 

***22.*** *Make* ***k*** *the subject in this formula* 

***23.*** *Make* ***k*** *the subject in this formula* 

***23.*** *Make* ***x*** *the subject in this formula* 

***24.*** *If* *and*  *express* ***y*** *in terms of* ***m, x*** *and* ***k.***

***25.*** *If* *and*  *express* ***V*** *in terms of* ***A*** *and* ***h.***

***EER:***

***1.*** *Make* ***a*** *the subject in this formula*  *Hence find* ***a*** *when* ***v = 12t*** *and* ***u = 5t.***

***2.*** *If*  *express* ***f*** *in terms of* ***c***

***3.*** *Make* ***P*** *the subject in this formula*  *Hence find* ***P*** *when* ***I = 740, T= 2*** *and* ***R = 5 .***

***4.*** *Make* ***s*** *the subject in this formula*  *Hence find* ***s*** *when* ***v = 9, u= 5*** *and* ***a = 3⋅5 .***

***5.*** *Make* ***d*** *the subject in this formula* 

***6.*** *If*  *make* ***x*** *the subject of the formula*

***7.*** *If*  *make* ***a*** *the subject of the formula*

***8.*** *Make* ***V*** *the subject in this formula*  *Hence find* ***V*** *when* ***R = 5r***

***9.*** *If *

***(i)*** *find the value of* ***p*** *when* ***q = r.***

***(ii)*** *make* ***r*** *the subject*

***10.*** *If*  *make* ***a*** *the subject of the formula*

***11.*** *Make* ***k*** *the subject in this formula* 

***12.*** *Make* ***y*** *the subject in this formula*  *Hence find the values of* ***y*** *when* ***x = 80,*** *a* ***= 2*** *and* ***m = 3.***

***13.*** *If*  *make* ***x*** *the subject of the formula****.*** *Hence find the values of* ***x*** *when* ***m = 16, A = 2*** *and* ***B = 6.***

***14.*** *Make* ***r*** *the subject in this formula*  *hence find* ***r*** *when*

***A = 20,736*** *and* ***P = 10,000.***

***15.*** *Make* ***b*** *the subject in this formula*  *Hence find* ***b*** *when* ***h = 6*** *and* ***a = −108 .***

***16.*** *If*  *make* ***x*** *the subject of the formula*

***17.*** *If*  *express* ***x*** *in terms of* ***y***

***18.*** *If*  *express* ***x*** *in terms of* ***p*** *and* ***n***