FUNDAMENTAL CONCEPTS

Constant : A symbol having a fixed numerical value is called a constant.

Eg. 7, 19

Variable: A symbol which takes various numerical values is called a variable

Eg. x, y, z

18 (A)

1. (i) $x + 8 = y$

(ii) $x - 5 = y$

(iii) $2 + x > y$

(iv) $x + y < 24$

(v) $15 \times m = 3n$

(vi) $8 \times y = 3x$

(vii) $30 \div b = p$

(viii) $z - 3x = y$

(ix) $12 \times x = 5z$

(x) $12 \times x > 5z$

(xi) $12 \times x < 5z$

(xii) $45 - 3z = y$

(xiii) $8x \div y = 2z$

(xiv) $x - 7y = 8z$

(xv) $7y - 5x = 8z$

CW 22 04 46

HOMEWORK

Date
Page

2.(i) The sum of 3x and 8 is equal to 15

(ii) 7 decreased by y is greater than x

(iii) 2x subtracted from 2y is less than 12

(iv) 5 divided by z is equal to 5

(v) The sum of a and 2b is greater than 18

(vi) 3y subtracted from 2y is equal to 6

(vii) 3a decreased by 4b is greater than 14

(viii) The sum of b and 7a is less than 21

(ix) The sum of 16 and 2a decreased by x is greater than 25

(x) ~~The sum of 3x and 12 is subtracted from y is less than 3a~~

(x) The sum of 3x and 12 is decreased by y is less than 3a