Ex-18A

1- Express each of the following statements in algebraic form:

(i) The sum of 8 and x is equal to y.

A- $8+x=y$

(ii) x decreased by 5 is equal to y.

A- $x-5=y$

(iii) The sum of 2 and x is ~~equal~~ greater than y

A- $2+x>y$

(iv) The sum of x and y is less than 24.

A:- $x+y<24$

(v) 15 multiples by m given 3n.

A- $15\times m=3n$

(vi) Product of 8 and y is equal to p.

A- $8\times y=3^{y}$

(vii) 30 divided by b is equal to p

A: $30\div b=p$

(viii) 2 decreased by $3x$ is equal to y.

A $2 - 3x = y$

(ix) 12 times of x is equal to 52.

A $12 \times x = 52$

(x) 12 times of x is greater than 52

A $12 \times x > 52$

(xi) 12 times of x is less than 52

A $12 \times x < 52$

(xii) 32 substracted from 45 is equal to y.

A $45 - 32 = y$

(xiii) $8x$ divided by y is equal to 22

A $8x \div y = 22$

(xiv) $7y$ substracted from $5x$ gives 82.

A $5x - 7y = 82$

(xv) $7y$ is decreased by $5x$ gives 82

A $7y - 5x = 82$

2. For each of the following algebraic expressions, write as suitable statements in words.

(i) $3x + 8 = 15$

A. 3x plus 8 is equal to 15

(ii) $7 - y > x$

A - decreased by y is greater than x

(iii) $2y - x < 12$

Ans - 2y decreased by x is less than 12

(iv) $5 \div 2 = 5$

A Divided by y is greater than x

(v) $a + 2b \geq 18$

(vi) $2x - 3y = 16$

(vii) $3a - 4b > 14$

(viii) $6 + 7a \leq 21$

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6x (16+120) - x 28

x) 3x+12-y<30