HW
22.07.2021

Date
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Ch-18
Fundamental Concepts
Ex-18 A

(1) i) Ans- The sum of 8 and x is equal to y in algebraic form is written as, $8+x=y$

ii) x decreased by 5 is equal to y in algebraic form is written as, ~~$8+x=y$~~ $x-5=y$

iii) The sum of 2 and x is greater than y in algebraic form is written as, $2+x>y$

iv) The sum of x and y is less than 24 in algebraic form is written as, $x+y<24$

v) 15 multiplied by m gives 3n in algebraic form is written as, $15 \times m = 3n$

vi) Product of 8 and y is equal to 3x in algebraic form is written as, $8 \times y = 3x$

vii) 30 divided by b is equal to y in algebraic form is written as, $30 \div b = y$

viii) z decreased by 3x is equal to y in algebraic form is as, $z-3x=y$

ix) 12 times of x is equal to 52 in

x) 12 times of x is greater than 5z is in algebraic form is written as, $12x > 5z$

xi) 12 times of x is less that 5z in algebraic form is written as, $12x < 5z$

xii) 3z subtracted from 45 is equal to y in algebraic form is written as, $45 - 3z = y$

xiii) 8x divided by y is equal to 2z in algebraic form is written as, $8x \div y = 2z$

xiv) 7y subtracted from 5x gives 8z in algebraic form is written as, $5x - 7y = 8z$

xv) 7y decreased by 5x gives 8z in algebraic form is written as, $7y - 5x = 8z$

Q i) The algebraic expression $3x + 8 = 15$ in words is expressed as, 3x Plus 8 is equal to 15

ii) The algebraic expression $7 - y > x$ in words is expressed as, 7 decreased by y is greater than x

iii) The algebraic expression $2y - x < 12$ in words is expressed as, 2y decreased by x is less than 12

iv) The algebraic expression $5 \div z = 5$ in words is expressed as, 5 divided by z is equal to 5

v) The algebraic expression $a + 26 > 18$ in words is expressed as, a increased by 26 is greater than 18

vi) The algebraic expression $2x - 3y = 16$ in words is written as, 2x decreased by 3y is equal to 16.

vii) The algebraic expression $3a - 46 > 14$ in words is written as, 3a decreased by 46 is greater than 14

viii) The algebraic expression $6 + 7a < 21$ in words is written as, 6 increased by 7a is less than 21

ix) The sum of the algebraic expression $(16 + 2a) - x > 25$ in words is written as, The sum of 16 and 2a decreased by x is greater than 25.

x) The algebraic expression $(3x + 12) - y < 3a$ is words is written as, The sum of 3x and 12 decreased by y is less than 3a