

Dt = 16/7/21

18 (A)

1) $8 + x = y$

2) $x - 5 = y$

3) $2 + x > y$

4) $x + y < 24$

5) $15 \times m = 30$

6) $8 \times y = 3x$

7) $30 \div b = p$

8) ~~$z - 3x = y$~~

9) $12 \times x = 5z$

10) $12 \times x > 5z$

11) ~~$45 - 3z = y$~~ $12 \times < 5z$

12) ~~$5x \div y = 2z$~~ $45 - 3z = y$

13) ~~$5x - 7y = 8z$~~ $8 \times \div y = 2z$

14) ~~$5x - 7y < 5x = 8z$~~ $5x - 7y = 8z$

15) $7y < 5x = 8z$

- 2) i) Ans) Sum of $3x$ & 8 is 15
- ii) difference of 7 & y is greater than x
- iii) difference of $2y$ and x is less than z
- iv) 5 divided by z is 5
- v) Sum of a & $2b$ is greater than z
- vi) Difference of $2x - 3y$ is 6
- vii) Difference between $3a$ & $4b$ is greater than z
- viii) sum of b & $7a$ is less than z
- ix) sum of $1b$ & $2a$ minus x is greater than z
- x) sum of $3x$ & 12 minus y is less than $3z$

Exercise 18B

1) $6, 4y, -3x, \frac{5}{4}, \frac{4}{5}xy, az, 0$

6 - Constant

$4y$ - Variables

$-3x$ - Variables

$\frac{5}{4}$ - Constants

$\frac{4}{5}xy$ - Variables

az - constants

2) i) $4x, -x$

$\frac{2}{3}x, \frac{4}{5}y$

$y, -3y$

ii) Ans) $-4xy, 2yx, \frac{2}{3}yx, yx$

$\frac{2}{3}xy, \dots$

$\frac{2y}{3}$

iii) $-ab^2, 7b^2a, 2ab^2$
 $b^2a^2, 3a^2b^2$

iv) $5ax, \dots, 2ax$
 $-5by, \dots$

$7x0$

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