

H/W  
1/10/2021

Ex-18(A)

Date \_\_\_\_\_  
Page \_\_\_\_\_

2) i)  $3x + 8 = 15$  = The sum of three times  $x$  equal to 15.

ii)  $7 - y > x = 7$  decreased by  $y$  greater than  $x$ .

iii)  $2y - x < 12$  = 2 times  $y$  decreased by  $x$  smaller than 12.

iv)  $5 \div z = 5$  = 5 divided by  $z$  equal to 5.

v)  $a + 2b > 18$  =  $a$  increased by 2 times  $b$  greater than 18.

vi)  $2x - 3y = 16$  = 2 times  $x$  decreased by 3 times  $y$  equal to 16.

vii)  $3a - 4b > 14$  = 3 times a decreased by 4 times b greater than 14.

viii)  $b + 7a < 21$  = b increased by 7 times a smaller than 21.

ix) The sum of 16 and two times a decrease by  $x$  ~~is~~ greater than 25.

x) The sum of 3 times  $x$  and 12 decreased by  $y$  smaller than 3 times a.

### EX-18(B)

2) i)  $4x, -3y, -x, \frac{4}{5}y$  and  $y$

=  $(4x, -x)$  and  $(-3y, \frac{4}{5}y, y)$

ii)  $\frac{2}{3}xy, -4yx, 2y^2, -\frac{2}{3}y^2, \frac{2y}{3}$  and  $yx$

=  $(\frac{2}{3}xy, -4yx, y^2)$  and  $(\frac{2y}{3}, -\frac{2}{3}y^2, \frac{2y}{3})$

$$\text{iii} \rightarrow -ab^2, b^2a^2, 7b^2a, -3a^2b^2 \text{ and } 2ab^2$$

$$= (-ab^2, 7b^2a, 2ab^2) \text{ and } (b^2a^2, -3a^2b^2)$$

$$\text{iv} \rightarrow 5ax, -5by, \frac{by}{7}, 7xa \text{ and } \frac{2ax}{3}$$

$$= (5ax, 7xa, \frac{2ax}{3}) \text{ and } (-5by, \frac{by}{7})$$

3) i) True

(x) False

ii) False

(xi) True

iii) True

(xii) False

iv) False

4) i) 2 terms

v) True

ii) 2 terms

vi) False

iii) 2 terms

vii) True

iv) 2 terms

viii) True

v) 3 terms

ix) True

vi) 1 term

vii) 2 terms

viii) 3 terms

ix) 3 terms