

Fundamental Concepts

(Solution)

Exercise (18 A)

2.

i) $3x$ plus 8 is equal to 15

ii) 1 decreased by y is Greater than x

iii) $2y$ decreased by x is less than 12

iv) 5 divided by z is equal to 5

v) a increased by $2b$ is greater than 18

vi) $2x$ decreased by $3y$ is equal to 16

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

viii) b increased $1a$ 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 decreased by y is less than $3a$

Exercise (18 B)

3.

- i) True
- ii) false
- iii) True
- iv) false
- v) True
- vi) false
- vii) True
- viii) True
- ix) True
- x) false
- xi) True
- xii) false

5.

- i) True
- ii) False
- iii) True
- iv) false
- v) false
- vi) True

7. (i) 1

(ii) -1

(iii) -3

(iv) $-5a$

(v) $3y$

2

(vi) $\frac{a}{y}$

y