

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

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

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

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

v) $a + 2b > 18$ = The sum of a and $2b$ is ~~equal~~ greater than 18 .

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

vii) $3a - 4b > 14$ = $3a$ decreased by $4b$ is Greater than 14

viii) $b + 7a < 21$ = Sum of b and $7a$ is less than ~~twenty~~ 21

ix) $(16 + 2a) - x > 25$ = The sum of 16 and $2a$ decreased by x is greater than 25 .

x) $(3x + 12) - y < 3a$ = The sum of $3x$ and 12 ~~is~~ decreased by y is less than $3a$.

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) Coefficient of x is 1

ii) Coefficient of x in $-x$ is -1

iii) $-3x$ coefficient of x is -3

iv) $-5ax$ " " x is $-5a$

v) $\frac{3}{2}xy$ " " x is $\frac{3}{2}y$

vi) $\frac{ax}{y}$ " " x is $\frac{a}{y}$

8. i) $-3y^2$

vii) $-3a$

ii) $-a$

viii) $5a$

iii) -1

iv) $\frac{2}{a}$

v) $-2z$

vi) $-y^2$