

Ch-18 - Fundamental Concepts

Date _____

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plus

(i) $3X + 8$ is equal to fifteen

(ii) 7 subtracted from Y is greater than X .

(iii) $2Y$ subtracted from X is smaller than 12.

(iv) 5 divided from Z is equal to 5.

(v) a plus $2b$ is greater than 18

(vi) $2X$ subtracted from $3Y$ is equal to

16.

(vii) $3a + 4b$ is greater than 14.

(viii) $b + 7a$ is smaller than 21.

(ix) 16 plus $2a$ subtracted from X is greater than 25.

(x) $3X$ plus 12 subtracted from Y is smaller than

Ex 18(A)

2.

- (i) Three X + eight is equal to fifteen
- (ii) Seven subtracted from Y is ~~equal to~~ greater than X
- (iii) Two Y subtracted from X is smaller than 12
- (iv) Five divided by Z is equal to 5
- (v) a plus $2b$ is greater than 18
- (vi) $2x$

3a.

18(B)

- 3.
- (i) True
 - (ii) False
 - (iii) True
 - (iv) True
 - (v) True
 - (vi) True
 - (vii) True
 - (viii) True
 - (ix) True
 - (x) False
 - (xi) True
 - (xii) False
- 5.
- (i) False
 - (ii) False
 - (iii) True
 - (iv) ~~False~~ True
 - (v) False
 - (vi) True

7.

- (i) 1

(ii) -1

(iii) -3

(iv) $-5a$

(v) $\frac{3x}{2}$

(vi) ax