Fundamental Concepts

18(A)

1. (i) $8 + x = y$

(ii) ~~y is~~ $x - 5 = y$

(iii) $9 + x > y$

(iv) $x + y < 24$

(v) $15 \times m = 3n$

(vi) $8 \times y = 3x$

(vii) $30 \div b = p$

(viii) $2 - 3x = y$

(ix) $12 \times x = 5z$

(x) $12 \times x > 5z$

(xi) $12 \times x < 5z$

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

(xiii) $45 - 3z = y$

(xiii) $8x \div y = 2z$

(xiv) $5x - 7 \cdot y = 3z$

(xv) $7y - 5x = 8z$

2 (i) 3x plus 8 is equal to 15.

(ii) 7 decreased by y is equal to x.

(iii) 2y decreased by x is smaller than 12.

(iv) Five divided by z is equal to 5.

(v) a plus 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 plus 7a is smaller than 21.

(ix) (16 plus 2a) decreased by x is greater

than 25.

(x) (3x plus 12) decreased by y is ~~great~~ smaller

than 3a.