Evaluation questions

Exercise-18 (A)

(1) Express each of the following statements in algebric form:

i) A) $8 + x = y$

ii) A) $x - 5 = y$

iii) A) $2 + x > y$

iv) A) $x + y < 24$

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

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

vii) A) $3a \div b = p$

viii) A) $z - 3x = y$

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

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

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

xii) A) $45 - 3z = y$

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

xiv) A) $5x - 7y = 8z$

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

(2) For each of the following algebric expressions, write a suitable statement in words:

i) A) 3x added to 8 is equal to 15.

ii) A) 7 decreased by y is greater than x

iii) A) 2y decreased by x is less than 12.

iv) A) 5 divided by z is equal to 5.

v) A) a increased by 2b is greater than 18.

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

vii) A) 3a decreased by 4b is greater than 12.

viii) A) b increased by 7a is less than 21.

ix) A) The sum of 16 and 2a decreased by x is greater than 25.

x) A) The sum of 3x and 12 decreased by y is less than 3a.