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1. 13 ≥ 2x −3 ≥ 5

13 + 3 ≥ 2x ≥ 5 + 3

16 ≥ 2x ≥ 8

8 ≥ x ≥ 4

4 ≤ x ≤ 8

(B) HP [4,8]

2. 2-5 = 3 atau 2x – 5 = -3

2x = 3 + 5 atau 2x = -3 + 5

2x = 8 atau 2x = 2

(A) X = 4, X = 1

4. f(x) =

Y(3x+1) = x + 2

3xy + 1y = x + 2

3xy – 1x = -1y + 2

X(3y - 1) = -1y + 2

X =

f-1(x) =

= y =

5.

= - x2 – 5x – 6

= (x - 3) (x - 2)

= HP [-3,-2] (A)

6. f(x) = dan g(x) = 1 – x2

(g o f)(x) = g(f(x))