

(2) of (1) = x g(x) = x-11 2) f(v) = |x| g(x) = sin x @ f(x) = sinx 8(x) = |x| OF for SXIXER, and X =0;-1} のfeg {x | x と R ら 2) fagf x/x>0}

8 of {x/x ER, and x ≠5} aDfag {xlx = H} 80f{x | x e R} @fog{x/x21} yof{x/xER} f) fog {X| X \in \text{R, and } \times 2}

gof {X| X \in \text{R, and } \times 2} 9 fagg x | x Z 2, and x = -1}

9 of { x / - 3 = x, and x > 1}

Horelout 12

(3) 
$$f(g(x)) = (\sqrt{2x-6})^2 + 3 = 2x - 6 + 3 = 2x - 3$$
 $f(g(x)) = 3(\frac{1}{2}(x-4)) + 4 = x - 4 + 4 = |x|$ 

(2)  $f(g(x)) = 3(\frac{1}{2}(x-4)) + 4 = x - 4 + 4 = |x|$ 

(3)  $f(g(x)) = 3(\frac{1}{2}(x-4)) + 4 = x - 4 + 4 = |x|$ 

(4)  $f(g(x)) = \frac{1}{2}(x-2) = \frac{1}{2}(x-4)$ 

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(19)  $f(g(x)) = \frac{1}{2}(x-4)$ 

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