

$$\textcircled{3} \quad f(x) = x$$

$$g(x) = 2 - x^2$$

$$\textcircled{a} \quad x = 2 - x^2$$

$$x^2 + x - 2 = 0$$

$$(x+2)(x-1) = 0$$

$$x = 1, -2$$

$$\int_{-2}^1 g(x) - f(x) dx$$

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E

3 ≠ 2

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$$f(x) = \frac{15x - 12x^2 + 40 - 32x}{4x^2 + 4x + 1}$$

$$= \frac{-12x^2 - 17x + 40}{4x^2 + 4x + 1}$$

→ -3

B