



## #08 SA Functions

Total points **3/5** ?

Name \*

.....

Section \*



The range of the function given by  $f(x) = 1 - |x - 2|$

$[1, \infty)$

Option 1

$(1, \infty)$

Option 2

$(-\infty, 1)$

Option 3

$(-\infty, 1]$

Option 4



The range of the function given by  $f(x) = -\sqrt{25 - x^2}$

$[-5, 5]$

Option 1



$[0, 5]$

Option 2

$[-5, 0]$

Option 3

$(-5, 5)$

Option 4

Correct answer

Option 3



The range of the function given by  $f(x) = \frac{3}{2-x^2}$

$$\left(-\infty, \frac{3}{2}\right] \cup (0, \infty)$$

Option 1

$$\left(-\infty, \frac{3}{2}\right) \cup [0, \infty)$$

Option 2

$$(-\infty, 0) \cup \left[\frac{3}{2}, \infty\right)$$

Option 3



$$(-\infty, 0] \cup \left(\frac{3}{2}, \infty\right)$$

Option 4

