



#08 SA Functions

Total points 3/5 ?

Name *

.....

Section *

✓ Q1. *

1/1

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



 Q2.*

0/2

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



✓ Q3.*

2/2

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

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