



#09 SA- Functions

Total points **5/5** ?

Name *

.....

Section *



✓ The domain of the given function is *

1/1

$$\sqrt{4 - x^2}$$

[- 4, 4]

Option 1

[- 2, 2]

Option 2



[0, 2]

Option 3

[0, 4]

Option 4



✓ The range of the given function is *

1/1

$$\frac{(x - 2)}{(3 - x)}$$

$$\mathbb{R} - \{-1\}$$

Option 1



$$\mathbb{R}$$

Option 2

$$\mathbb{R} - \{0\}$$

Option 3

$$\mathbb{R} - \{3\}$$

Option 4



✓ The range of the function *

1/1

$$\frac{1}{\sqrt{x-5}}$$

$\mathbb{R} - \{5\}$

Option 1

$(0, \infty)$

Option 2 ✓

$(5, \infty)$

Option 3

\mathbb{R}

Option 4

✓ The range of the function *

1/1

$$f(x) = \frac{|x+2|}{x+2}, \quad x \neq -2 \text{ is}$$

$\{-1, 1\}$ ✓

$\{-1,0,1\}$

$(0,\infty)$

$\{1\}$

✓ The range of the given function is *

1/1

$$\frac{x-2}{2-x}$$

\mathbb{R}

Option 1

$\mathbb{R} - \{2\}$

Option 2

$(1, \infty)$

Option 3

$\{-1\}$

Option 4



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