



#06 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



✓ For the given function the domain is *

1/1

$$\frac{1}{\sqrt{x^2 - 1}}$$

$(-1, 1)$

Option 1

$(-\infty, -1) \cup (1, \infty)$

Option 2



$(1, \infty)$

Option 3

$(0, \infty)$

Option 4



✓ 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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