



#07 SA:Functions

Total points **4/5** ?

Name

.....

Section *



✗ The domain of the given function is *

0/1

$$f(x) = \sqrt{x - 3}$$

$(3, \infty)$

Option 1

$(-3, \infty)$

Option 2

$[-3, \infty]$

Option 3

✗

$[3, \infty]$

Option 4

Correct answer

Option 4



✓ The domain of the given function is *

1/1

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

$(-\infty, 1)$

Option 1



$(-\infty, 1]$

Option 2

$(-\infty, -1]$

Option 3

$(-\infty, -1)$

Option 4

Other:

.....



✓ The Domain of the given function is *

1/1

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

- R
- R-{2}
- R-{-2}
- R-{-2,2}



✓ The domain of the given function is *

1/1

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

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

Option 1



$$(-1, 1)$$

Option 2

None of the above

$$[-1, 1]$$

Option 3

Other:

.....



✓ The range of the given function is *

1/1

$$\frac{ax-b}{cx-d}$$

$$R - \left\{ \frac{a}{c} \right\}$$

Option 1



R

$$R - \left\{ \frac{c}{a} \right\}$$

Option 2

None of the above

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