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Quiz: Rationalizing Denominators

Question 1a of 15 ( 2 Rationalizing Denominators 92031)
Maximum Attempts: 1
Question Type:
Multiple Choice
Maximum Score:
Question:
2
Which choice is the conjugate of the expression below when $x \geq 6$ ?
$\sqrt{x-6}-3$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $\sqrt{x-6}-3$ |  |
| B. | $\sqrt{x+6}+3$ |  |
| *C. | $\sqrt{x-6}+3$ | Correct! |
| D. | $\sqrt{x+6}-3$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $\sqrt{x-6}+3$. |

Question 1b of 15 ( 2 Rationalizing Denominators 295557)

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is the conjugate of the expression below when $x \geq 5$ ?


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $\therefore+5-2$ |  |
| B. | $\vdots-\sqrt{2}-$ |  |
| C. | $\overline{\cdots+5}-2$ |  |
| *D. |  | Correct! |

Global Incorrect Feedback
The correct answer is:

Question 1c of 15 ( 2 Rationalizing Denominators 295558)
Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which choice is the conjugate of the expression below when $x$ 4?

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|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $\sqrt{*-4}+\vdots$ | Correct! |
| B. | $i x+4$ |  |
| C. | $\sqrt{*+4}+\vdots$ |  |
| D. | $i x 4$ |  |

Global Incorrect Feedback
The correct answer is:

Question 2a of 15 (2 Rationalizing Denominators 92032 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is the conjugate of the expression below when $x \geq-4$ ?
$5-\sqrt{x+4}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $5+\sqrt{x+4}$ | Correct! |
| B. | $5-\sqrt{x+4}$ |  |
| C. | $5+\sqrt{x-4}$ |  |
| D. | $5-\sqrt{x-4}$ |  |

The correct answer is: $5+\sqrt{x+4}$.

Question 2b of 15 (2 Rationalizing Denominators 295559 )

```
Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which choice is the conjugate of the expression below when x -4?
```

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| B. |  |  |
| *C. |  | Correct! |
| D. |  |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |

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Question 2c of 15 ( 2 Rationalizing Denominators 295560 )
Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which choice is the conjugate of the expression below when $x \geq-4$ ?

$$
5-\sqrt{x+4}
$$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $5+\sqrt{x+4}$ | Correct! |
| B. | $5-\sqrt{x+4}$ |  |
| C. | $5+\sqrt{x-4}$ |  |
| D. | $5-\sqrt{x-4}$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $5+\sqrt{x+4}$. |

Question 3a of 15 ( 3 Rationalizing Denominators 92033 )

Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score:
Correct Answer:
Question:
2
19

Rationalize the denominator of the fraction and enter the new denominator below.

$$
\frac{5}{5+\sqrt{6}}
$$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 19. |

Question 3b of 15 ( 3 Rationalizing Denominators 295561)

Maximum Attempts:
Question Type:
Maximum Score:
Correct Answer:
Question:

1
Numeric Fill In Blank
2
11
Rationalize the denominator of the fraction and enter the new denominator below.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 11. |

Question 3c of 15 ( 3 Rationalizing Denominators 295562 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Correct Answer:
Question:
2
31

Numeric Fill In Blank

Rationalize the denominator of the fraction and enter the new denominator below.


| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 31. |

Question 4a of 15 ( 3 Rationalizing Denominators 92034 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Correct Answer:
Question:
2
-2

Numeric Fill In Blank

Rationalize the denominator of the fraction and enter the new denominator below.

$$
\frac{7}{3-\sqrt{11}}
$$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -2. |

Question 4b of 15 ( 3 Rationalizing Denominators 295563)

Maximum Attempts:
Question Type:
Maximum Score:
Correct Answer:
Question:

1
Numeric Fill In Blank
2
-8
Rationalize the denominator of the fraction and enter the new denominator below.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |

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|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -8. |

Question 4c of 15 ( 3 Rationalizing Denominators 295564 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Correct Answer:
Question:
2
$-4$

Numeric Fill In Blank

Rationalize the denominator of the fraction and enter the new denominator below.
$3 \quad \sqrt[3]{3}$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  | Correct! |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -4. |

Question 5a of 15 (3 Rationalizing Denominators 92035 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1 Multiple Choice 2
Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.
$\frac{3}{3-\sqrt{6 x}}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $\frac{3+\sqrt{6 x}}{9-2 x}$ |  |
| *B. |  | Correct! |
| C. |  |  |
| D. |  |  |

Global Incorrect Feedback
The correct answer is:

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Alg
Question 5b of 15 ( 3 Rationalizing Denominators 295566 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.

|  | Choice | Feedback |
| :---: | :---: | :---: |
| *A. | $\frac{2-v 2 x}{2 x}$ | Correct! |
| B. | $\frac{2-\sqrt{F}:}{2-E i x}$ |  |
| C. | $\begin{aligned} & \because \quad \text { vex } \\ & 4 \quad 6 . i \end{aligned}$ |  |
| D. | $\frac{7-\sqrt{E i}}{4-3 i}$ |  |

## Global Incorrect Feedback



Question 5c of 15 ( 3 Rationalizing Denominators 295567)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| B. |  |  |
| C. |  |  |
| *D. |  | Correct! |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: |

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Alg
Question 6a of 15 ( 3 Rationalizing Denominators 92036 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

Multiple Choice
2
Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: r]Rationalize the denominator and simplify.
$\frac{5}{5+\sqrt{10 x}}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $\frac{5-\sqrt{10 x}}{5-2 x}$ | Correct! |
| B. | $\frac{5-\sqrt{10 x}}{5-10 x}$ |  |
| C. | $\frac{5-\sqrt{10 x}}{25-2 x}$ |  |
| D. | $\frac{5-\sqrt{10 x}}{25-10 x}$ |  |

Global Incorrect Feedback
The correct answer is: $\frac{5-\sqrt{10 x}}{5-2 x}$.

Question 6b of 15 ( 3 Rationalizing Denominators 295568)

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.
$51+\sqrt{7}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| B. |  |  |
| C. |  |  |
| *D. |  | Correct! |

Global Incorrect Feedback
The correct answer is:

## This version of Total HTML Converter is unregistered.

Alg
Question 6c of 15 ( 3 Rationalizing Denominators 295569 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.


|  | Choice | Feedback |
| :---: | :---: | :---: |
| * A . | $\frac{-\mathrm{y} \cdot \stackrel{\square}{\prime}}{\square-\therefore}$ | Correct! |
| B. | $\frac{7-v^{\prime \prime} \times}{50-2}$ |  |
| C. |  |  |
| D. | $\frac{7-\sqrt{*} \times}{\square=-1.7}$ |  |

Global Incorrect Feedback
The correct answer is: $\frac{i-14}{-x}$.

Question 7a of 15 ( 3 Rationalizing Denominators 92037 )

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score:
Question:
2

Which choice is equivalent to the fraction below when $x \geq 1$ ? Hint: Rationalize the denominator and simplify.
$\frac{1}{\sqrt{x}-\sqrt{x-1}}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| *B. |  | Correct! |
| C. |  |  |
| D. |  |  |

## Global Incorrect Feedback

The correct answer is:

Question 7b of 15 ( 3 Rationalizing Denominators 295570)

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is equivalent to the fraction below when $x$ 1? Hint: Rationalize the denominator and simplify.

## This version of Total HTML Converter is unregistered.

Alg

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $-\sqrt{x-1}-\sqrt{x}$ |  |
| *B. | $\sqrt{x}+\sqrt{x-1}$ | Correct! |
| C. | $\sqrt{x}-\sqrt{x-1}$ |  |
| D. | $\frac{\sqrt{x}+\sqrt{x-1}}{2 x-1}$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $\sqrt{x}+\sqrt{x-1}$. |

Question 7c of 15 ( 3 Rationalizing Denominators 295572 )

## Maximum Attempts: <br> 1

Question Type:
Maximum Score:
Question:
2

## Multiple Choice

Which choice is equivalent to the fraction below when $x \geq 1$ ? Hint: Rationalize the denominator and simplify.
$\frac{1}{\sqrt{x}-\sqrt{x-1}}$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $-\sqrt{x}-\sqrt{x-1}$ |  |
| *B. | $\sqrt{x}+\sqrt{x-1}$ |  |
| C. | $\sqrt{x-1}-\sqrt{\because}$ |  |
| D. | $\frac{\sqrt{x}+\sqrt{x-1}}{2 x-1}$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $\sqrt{x}+\sqrt{x-1}$. |

Question 8a of 15 ( 3 Rationalizing Denominators 92038 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is equivalent to the fraction below when $x$ 2? Hint: Rationalize the denominator and simplify.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| *B. |  | Correct! |
| C. |  |  |
| D. |  |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |

## This version of Total HTML Converter is unregistered．

Alg
Question 8b of 15 （ 3 Rationalizing Denominators 295573）

Maximum Attempts： 1
Question Type：
Maximum Score：
Question：
2

Multiple Choice

Which choice is equivalent to the fraction below when $x \geq 3$ ？Hint：Rationalize the denominator and simplify．


|  | Choice | Feedback |
| :---: | :---: | :---: |
| ＊A． |  | Correct！ |
| B． |  |  |
| C． | 2i，í3： |  |
| D． | $-1 ⿻ 上 丨^{i} \because-x^{i} \because-7{ }^{\text {a }}$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is：$\sqrt[3]{1}+\sqrt[1]{2}-3 i$ |

Question 8 c of 15 （ 3 Rationalizing Denominators 295574 ）
Maximum Attempts： 1
Question Type： Multiple Choice
Maximum Score：
Question：
2
Which choice is equivalent to the fraction below when $x \geq 2$ ？Hint：Rationalize the denominator and simplify．


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A． | $-2(\sqrt{x}-\sqrt{x-2})$ |  |
| B． | $2(\sqrt{x}+\sqrt{x-2})$ |  |
| ＊C． | $-2(\sqrt{x}+\sqrt{x-2})$ | Correct！ |
| D． |  |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is： |

Question 9a of 15 （ 1 Rationalizing Denominators 117987 ）
Maximum Attempts： 1
Question Type：
Multiple Choice
Maximum Score：
Question：
2
To get rid of radicals in the denominator of a fraction，you should rationalize the denominator by multiplying the fraction by a helpful form of $\qquad$ ＿．

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A． | the <br> denominator |  |
| ＊B． | 1 | Correct！ |
| C． | the <br> numerator |  |
| D． | $x$ |  |

## This version of Total HTML Converter is unregistered.

Alg

## Global Incorrect Feedback

The correct answer is: 1.

Question 9b of 15 ( 1 Rationalizing Denominators 295575 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

To get rid of radicals in the denominator of a fraction, you should rationalize the denominator by multiplying the fraction by a helpful form of $\qquad$ —.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | the <br> denominator |  |
| B. | $x$ |  |
| C. | the <br> numerator |  |
| *D. | 1 | Correct! |

Global Incorrect Feedback
The correct answer is: 1.

Question 9c of 15 (1 Rationalizing Denominators 295576)

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
To get rid of radicals in the denominator of a fraction, you should rationalize the denominator by multiplying the fraction by a helpful form of $\qquad$ —.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | 1 | Correct! |
| B. | the <br> denominator |  |
| C. | the <br> numerator |  |
| D. | $x$ |  |

Global Incorrect Feedback
The correct answer is: 1 .

Question 10a of 15 (1 Rationalizing Denominators 117988 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question: 2

True-False

To rationalize a denominator that has more than one term, you multiply the fraction by , where $B$ is the conjugate of the numerator.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | True |  |
| *B. | False | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: False. |

Alg
Question 10b of 15 (1 Rationalizing Denominators 295577)

Maximum Attempts: 1
Question Type: True-False
Maximum Score: 2
Question:

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | True |  |
| *B. | False | Correct! |

To rationalize a denominator that has more than one term, you multiply the fraction by $B+B$, where $B$ is the conjugate of the denominator.

| Global Incorrect Feedback |
| :--- |
| The correct answer is: False. |


| Question 10 cof 15 ( 1 Rationalizing Denominators 295578 ) |  |
| :--- | :--- |
| Maximum Attempts: | 1 |
| Question Type: | True-False |
| Maximum Score: | 2 |
| Question: | To rationalize a denominator that has more than one term, you multiply the |
|  | fraction by $\frac{B}{B}$, where $B$ is the conjugate of the denominator. |


|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | True | Correct! |
| B. | False |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: True. |

Question 11a of 15 ( 1 Rationalizing Denominators 117990 )
Maximum Attempts:
Question Type:
Maximum Score:
Question:

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $a+b$ |  |
| B. | $a$ | $b$ |
|  |  |  |
| C. | $a$ | $b$ |
| *D. | $a-b$ |  |

2
If $a$ and $b$ are any real numbers, what is the conjugate of $a+b$ ?
gere or a

Question:

To rationalize a denominator that has more than one term, you multiply the fraction by $\frac{B}{B}$, where $B$ is the conjugate of the denominator.
answer is: True

Question 11c of 15 (1 Rationalizing Denominators 295580 )


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $a-b$. |

Question 12a of 15 (2 Rationalizing Denominators 17991)

Maximum Attempts:
Question Type:
Maximum Score:
Question:

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $5+\sqrt{3}$ |  |
| *B. | $5-\sqrt{3}$ | Correct! |
| C. | $5+\sqrt{3}$ |  |
| D. | $5 \div$ |  |
|  | $\sqrt{3}$ |  |

Multiple Choice
2
What is the conjugate of $5+\sqrt{3}$ ?

| Global Incorrect Feedback |
| :--- |
| The correct answer is: 5 - . . |

Question 12 b of 15 ( 2 Rationalizing Denominators 295581 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $5+$ | Correct! |
| B. | $5-$ |  |
| C. | 5 |  |
| D. | 5 |  |

## 1

Multiple Choice
2
What is the conjugate of 5 - ?

| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: $5+\quad$. |

Question 12c of 15 (2 Rationalizing Denominators 295582 )
Maximum Attempts:
Question Type:
Maximum Score:
Question:

|  | Choice | Feedback |  |
| :--- | :--- | :--- | :--- |
| *A. | $6-\cdots$ | Correct! |  |
| B. | $6+\sqrt{2}$ |  |  |
| C. | 6 | $\cdots$ |  |
| D. | 6 |  |  |

1 Multiple Choice 2
What is the conjugate of $6+\stackrel{r_{-}}{\sim}$ ?

## Global Incorrect Feedback

The correct answer is: $6-\sqrt{2}$.

Question 13a of 15 ( 2 Rationalizing Denominators 117993 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Multiplying by a conjugate gives a rational number because $(a+b)(a-b)=$ $\qquad$ —.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $a^{2}+b^{2}$ |  |
| B. | $a^{2} \cdot b^{2}$ |  |
| *C. | $a^{2}-b^{2}$ | Correct! |
| D. | $a^{2} \div b^{2}$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $a^{2}-b^{2}$. |

Question 13b of 15 ( 2 Rationalizing Denominators 295583 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Multiplying by a conjugate gives a rational number because $(a+b)(a-b)=$ $\qquad$ —.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $a^{2}-b^{2}$ | Correct! |
| B. | $a^{2} \quad b^{2}$ |  |
| C. | $a^{2}+b^{2}$ |  |
| D. | $a^{2} \quad b^{2}$ |  |

Global Incorrect Feedback
The correct answer is: $a^{2}-b^{2}$.

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Alg
Question 13c of 15 ( 2 Rationalizing Denominators 295584 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Multiplying by a conjugate gives a rational number because $(a+b)(a-b)=$ $\qquad$ —.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $a^{2}+b^{2}$ |  |
| B. | $a^{2} \cdot b^{2}$ |  |
| C. | $a^{2} \div$ <br> $b^{2}$ |  |
| *D. | $a^{2}-b^{2}$ | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $a^{2}-b^{2}$. |

Question 14a of 15 (1 Rationalizing Denominators 117995 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
True-False
2
You can use conjugates to rationalize the denominator even when the denominator contains two radical terms.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | True | Correct! |
| B. | False |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: True. |

Question 14 of 15 ( 1 Rationalizing Denominators 295585 )
Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
True-False

2
You can only use conjugates to rationalize the denominator when the denominator contains one radical term.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | True |  |
| *B. | False | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: False. |

Question 14c of 15 (1 Rationalizing Denominators 295586)

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | True-False |
| Maximum Score: | 2 | | You can rationalize the denominator using conjugates even when the |
| :--- |
| Question: |


|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | True | Correct! |
| B. | False |  |

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Alg
Global Incorrect Feedback

The correct answer is: True.

Question 15a of 15 ( 3 Rationalizing Denominators 117996 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $-\sqrt{3}$ |  |
| B. | $-1+$ <br> $\sqrt{3}$ |  |
| C. | $-1-\sqrt{2}$ |  |
| *D. | $-1-\sqrt{3}$ | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $-1-\sqrt{3}$. |

Question 15b of 15 ( 3 Rationalizing Denominators 295587)

Maximum Attempts:
Question Type:
Maximum Score:
Question:

Multiple Choice
2
Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | - |  |
| $*$ B. |  | Correct! |
| C. | $-2-$ |  |
| D. | $-2+$ |  |


| Global Incorrect Feedback |  |
| :--- | :--- |
| The correct answer is: | . |

Question 15c of 15 ( 3 Rationalizing Denominators 295588 )
Maximum Attempts: 1
Question Type:
Multiple Choice
Maximum Score:
Question:2

Which choice is equivalent to the fraction below when $x$ is an appropriate value? Hint: Rationalize the denominator and simplify.

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Alg

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $-\sqrt{3}$ |  |
| *B. | $-1+$ | Correct! |
| c. | $-1-\sqrt{2}$ |  |
| D. | $-1-\sqrt{3}$ |  |

Global Incorrect Feedback
The correct answer is: $-1+\sqrt{3}$.

