

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 1 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.2.35 Question Help

Solve by completing the square.

$$2x^2 - 9x - 17 = 0$$

The solution is $x = \square$.
(Type an exact answer, using radicals as needed. Express complex numbers in terms of i . Use a comma to separate answers as needed.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 2 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.2.43 Question Help

Solve for x.

$$x^2 - x + 3 = 0$$

The solution is $x = \square$.
(Simplify your answer. Type an exact answer, using radicals as needed. Express complex numbers in terms of i . Use a comma to separate answers as needed.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 3 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.2.47 Question Help

Use the quadratic formula to find exact solutions.

$$4x^2 + 5 = 5x$$

Choose the correct answer below.

- ☐ A. $x = \frac{5 \pm \sqrt{55}}{8}$
- ☐ C. $x = -\frac{5}{8} \pm \frac{\sqrt{55}}{8}i$

- ☐ B. $x = \frac{-5 \pm \sqrt{55}}{8}$
- ☐ D. $x = \frac{5}{8} \pm \frac{\sqrt{55}}{8}i$

Click to select your answer and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 4 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.2.55 Question Help

Use the quadratic formula to find exact solutions.

$$5x^2 + 6x = -9$$

x =
(Simplify your answer. Type your answer in the form a + bi. Use a comma to separate answers as needed. Use integers or fractions for any numbers in the expression.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 5 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.4.15 Question Help

Solve.

$$-\frac{4a}{a+16} = \frac{12}{a-19}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution(s) is/are .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. The solution set is $\{a \mid a \text{ is a real number and } a \neq \text{$ }.
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 6 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.4.7 Question Help

Solve.

$$\frac{6}{x+8} = \frac{8}{x}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution set is $\{x \mid x \text{ is a real number and } x \neq \square\}$.
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. The solution(s) is/are \square .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 7 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.4.9 Question Help

Solve the following equation.

$$\frac{y^2}{y+5} = \frac{25}{y+5}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution(s) is/are .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. The solution set is $\{y \mid y \text{ is a real number and } y \neq \text{ }\}$.
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 8 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.4.15 Question Help

Solve.

$$-\frac{3a}{a+4} = \frac{6}{a-11}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution set is $\{a \mid a \text{ is a real number and } a \neq \square\}$.
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. The solution(s) is/are \square .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 9 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.4.55 Question Help

Solve.

$$\sqrt{x+9} + 3 = x$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution(s) is/are .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 10 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.4.57 Question Help

Solve.

$$\sqrt{x-5} + 7 = x$$

Select the correct choice below and fill in any answer boxes in your choice.

- ☐ A. The solution is $x =$.
(Simplify your answer. Use a comma to separate answers as needed.)
- ☐ B. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 11 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

3.4.59 Question Help

Solve.

$$\sqrt{x+81} = x - 9$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution(s) is/are .
(Type an integer or a simplified fraction. Use a comma to separate answers as needed.)
- ☐ B. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 12 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.4.63 Question Help

Solve.

$$\sqrt{7x+46} = x+4$$

Select the correct choice below and fill in any answer boxes in your choice.

- ☐ A. $x = \square$
(Simplify your answer. Use a comma to separate answers as needed.)
- ☐ B. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 13 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.3.41 Question Help

If a baseball is projected upward from ground level with an initial velocity of 96 feet per second, then its height is a function of time, given by $s = -16t^2 + 96t$.

What is the maximum height reached by the ball?

The maximum height reached by the ball is feet.

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 14 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.3.43 Question Help

A rocket is fired upward from some initial distance above the ground. Its height in feet, h , above the ground, t seconds after it is fired, is given by $h = -16t^2 + 112t + 1920$.

What is the rocket's maximum height?

ft

Enter your answer in the answer box and then click Check Answer. ?

2 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt

◀ 15 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

3.3-54

Question Help ⚙

A projectile is thrown upward so that its distance above the ground after t seconds is $h(t) = -16t^2 + 448t$. After how many seconds does it reach its maximum height?

- ☐ A. 8 sec
- ☐ B. 24 sec
- ☐ C. 32 sec
- ☐ D. 14 sec

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 16 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

3.3.43 Question Help

A rocket is fired upward from some initial distance above the ground. Its height in feet, h , above the ground, t seconds after it is fired, is given by $h = -16t^2 + 96t + 1152$.

What is the rocket's maximum height?

ft

Enter your answer in the answer box and then click Check Answer. ?

2 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 17 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

1.6.17 Question Help

Determine the domain of the following function.

$$y = \sqrt{x - 6}$$

The domain is .
(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 18 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

1.6.21 Question Help

Find the domain of the following function.

$$g(x) = \frac{9}{\sqrt{6+x}}$$

The domain is .
(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 19 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

1.6.17 Question Help

Determine the domain of the following function.

$$y = \sqrt{x - 6}$$

The domain is .
(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 20 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

1.6.17 Question Help

Determine the domain of the following function.

$$y = \sqrt{x - 6}$$

The domain is .
(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 21 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

4.5.43 Question Help

List the domain and the x- and y-intercepts of the following function. Graph the function. Be sure to label all the asymptotes.

$$f(x) = \frac{x+6}{x^2-36}$$

What is the domain of the function?

(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer. ?

5 parts remaining Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt

◀ 22 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

4.5.49

Question Help ?

List the domain and the x- and y-intercepts of the following function. Graph the function. Be sure to label all the asymptotes.

$$f(x) = \frac{x^2 + 3x - 4}{x^2 + 6x + 8}$$

What is the domain of the function?

(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer.

5 parts remaining

Clear All

Check Answer

◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 23 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

4.5.57 Question Help

Find the domain and the x- and y-intercepts for the following function. Determine all asymptotes and graph the function.

$$f(x) = \frac{x^2 + 4x}{3x^3 - 11x^2 - 4x}$$

What is the domain of $f(x)$?

- ☐ A. $\left\{x \mid x \neq 4 \text{ and } x \neq -\frac{1}{3}\right\}$
- ☐ B. $\{x \mid x \neq 0\}$
- ☐ C. $\left\{x \mid x \neq 0 \text{ and } x \neq -4 \text{ and } x \neq \frac{1}{3}\right\}$
- ☐ D. $\left\{x \mid x \neq 0 \text{ and } x \neq 4 \text{ and } x \neq -\frac{1}{3}\right\}$

Click to select your answer and then click Check Answer. ?

5 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 24 of 44 (0 complete) ▶ **HW Score:** 0%, 0 of 44 pts

4.5.65 Question Help

List the domain and the x- and y-intercepts of the following function. Graph the function. Be sure to label all the asymptotes.

$$f(x) = \frac{x - 3}{x^2 - 3x - 18}$$

What is the domain of the function?

(Type your answer in interval notation.)

Enter your answer in the answer box and then click Check Answer. ?

5 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 25 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

9.1.17 Question Help

Solve using the substitution method.

$$\begin{aligned}x - y &= 4 \\ 8x + 4y &= -76\end{aligned}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution of the system is .
(Type an ordered pair.)
- ☐ B. There are infinitely many solutions in the form $(x, \text{ })$.
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 26 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

9.1.25 Question Help

Solve by the substitution method.

$$\begin{aligned}x + 8y &= 67 \\ y &= -10 + 6x\end{aligned}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution of the system is .
(Type an ordered pair.)
- ☐ B. There are infinitely many solutions in the form $(x, \text{})$.
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 27 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

9.1.27 Question Help

Solve by the substitution method.

$$\begin{aligned}x + 9y &= 37 \\ 3x + 2y &= -14\end{aligned}$$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution of the system is . (Type an ordered pair.)
- ☐ B. There are infinitely many solutions in the form $(x, \text{})$.
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 28 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

9.1.39 Question Help

Solve by the elimination method.

$$\begin{aligned} 6x &= 82 + 5y \\ 2x &= -18 - 4y \end{aligned}$$

Select the correct choice below and fill in any answer boxes in your choice.

- ☐ A. The solution of the system is .
(Simplify your answer. Type an ordered pair.)
- ☐ B. There are infinitely many solutions.
- ☐ C. There is no solution.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 29 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

1.4.47 Question Help

Write a slope-intercept equation for a line passing through the given point that is parallel to the given line. Then write a second equation for a line passing through the given point that is perpendicular to the given line.

$(3, -4)$; $6x + 5y = 2$

The equation of the parallel line is $y = \square$.
(Simplify your answer. Type your answer in slope-intercept form. Use integers or fractions for any numbers in the expression.)

Enter your answer in the answer box and then click Check Answer. ?

1 part remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 30 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

1.4.43 Question Help

Write a slope-intercept equation for a line passing through the point (10, 13) that is parallel to $y = \frac{1}{2}x + 12$. Then write a second equation for a line passing through the given point that is perpendicular to the given line.

Which answer below is correct?

- ☐ A. parallel: $y = \frac{1}{2}x + 8$ perpendicular: $y = 2x + 33$
- ☐ B. parallel: $y = \frac{1}{2}x + 13$ perpendicular: $y = -2x + 13$
- ☐ C. parallel: $y = \frac{1}{2}x + 8$ perpendicular: $y = -2x + 33$

Click to select your answer and then click Check Answer. ?

All parts showing Clear All Final Check ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 31 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

1.4.45 Question Help

Write a slope-intercept equation for a line passing through the given point that is parallel to the given line. Then write a second equation for a line passing through the given point that is perpendicular to the given line.

$(-5, 0)$, $y = -0.7x + 4.1$

Choose the correct equations.

- ☐ A. parallel: $y = -0.7x - 3.5$ perpendicular: $y = \frac{10}{7}x + \frac{50}{7}$
- ☐ B. parallel: $y = 0.7x - 3.5$ perpendicular: $y = -\frac{10}{7}x - \frac{50}{7}$
- ☐ C. parallel: $y = -0.7x + 3.5$ perpendicular: $y = \frac{10}{7}x - \frac{50}{7}$

Click to select your answer and then click Check Answer. ?

All parts showing Clear All Final Check ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 32 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

1.4.47 Question Help

Write a slope-intercept equation for a line passing through the given point that is parallel to the given line. Then write a second equation for a line passing through the given point that is perpendicular to the given line.

$(4, -6); 4x + 5y = 2$

The equation of the parallel line is $y = \square$.
(Simplify your answer. Type your answer in slope-intercept form. Use integers or fractions for any numbers in the expression.)

Enter your answer in the answer box and then click Check Answer. ?

1 part remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 33 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.3.19 Question Help

Find $(f \circ g)(x)$ and $(g \circ f)(x)$ and the domain of each.

$f(x) = x + 3, g(x) = 2x^2 - 5x - 3$

$(f \circ g)(x) =$ (Simplify your answer.)

Enter your answer in the answer box and then click Check Answer.

3 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 34 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.3.21 Question Help

Find $(f \circ g)(x)$ and $(g \circ f)(x)$.

$f(x) = 6x^2 + 4$; $g(x) = 6x - 4$

$(f \circ g)(x) =$
(Simplify your answer.)

Enter your answer in the answer box and then click Check Answer. ?

1 part remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 35 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.3.37 Question Help ?

For the given functions, find $(f \circ g)(x)$ and $(g \circ f)(x)$ and the domain of each.

$f(x) = x^3 - 5x^2 + 4x + 8$, $g(x) = x + 1$

$(f \circ g)(x) =$

Enter your answer in the answer box and then click Check Answer. ?

3 parts remaining Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 36 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.3-7 Question Help

For the pair of functions, find the indicated composition.

$f(x) = 4x^2 + 2x + 3$, $g(x) = 2x - 8$

Find $(g \circ f)(x)$.

- ☐ A. $8x^2 + 4x - 2$
- ☐ B. $8x^2 + 4x + 14$
- ☐ C. $4x^2 + 4x - 2$
- ☐ D. $4x^2 + 2x + 6$

Click to select your answer and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 37 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.2.59 Question Help

For the function $f(x) = x^2 - 9$, construct and simplify the difference quotient $\frac{f(x+h) - f(x)}{h}$.

The difference quotient is .

Enter your answer in the answer box and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 38 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

2.2.61 Question Help

For the function $f(x) = 2 - x^2$, construct and simplify the difference quotient $\frac{f(x+h) - f(x)}{h}$.

$\frac{f(x+h) - f(x)}{h} = \square$
(Simplify your answer. Use integers or fractions for any numbers in the expression.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 39 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.2.63 Question Help

The expression $\frac{f(x+h)-f(x)}{h}$ for $h \neq 0$ is called the difference quotient. Find and simplify the difference quotient for the following function.

$$f(x) = -8x^2 + 2x + 7$$

The difference quotient is .
(Simplify your answer.)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 40 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

2.2.67 Question Help

For $f(x) = 7x^3$, construct and simplify the difference quotient $\frac{f(x+h) - f(x)}{h}$.

$\frac{f(x+h) - f(x)}{h} =$
(Type in descending powers of x.)

Enter your answer in the answer box and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt ◀ 41 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

5.5.17 Question Help

Solve for t.
 $e^t = 898$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution is $t =$.
(Type an integer or a decimal. Do not round until the final answer. Then round to four decimal places as needed. Use a comma to separate answers as needed.)
- ☐ B. The solution is not a real number.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 42 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

5.5.19 Question Help

Solve for t.
 $e^{-0.97t} = 0.56$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution is $t =$.
(Type an integer or a decimal. Do not round until the final answer. Then round to four decimal places as needed. Use a comma to separate answers as needed.)
- ☐ B. The solution is not a real number.

Click to select and enter your answer(s) and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review) Save

Score: 0 of 1 pt 43 of 44 (0 complete) ▶ HW Score: 0%, 0 of 44 pts

5.5-8 Question Help ⚙

Solve the exponential equation. Round to three decimal places when necessary.

$$e^{-t} = 0.05$$

- ☐ A. 3.096
- ☐ B. -2.996
- ☐ C. 2.796
- ☐ D. 2.996

Click to select your answer and then click Check Answer. ?

All parts showing Clear All Check Answer ◀ ▶

Homework: Homework IX (Final Exam Review)

Save

Score: 0 of 1 pt 44 of 44 (0 complete) HW Score: 0%, 0 of 44 pts

5.5.19 Question Help

Solve for t.
 $e^{-0.76t} = 0.05$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ☐ A. The solution is $t =$.
(Type an integer or a decimal. Do not round until the final answer. Then round to four decimal places as needed. Use a comma to separate answers as needed.)
- ☐ B. The solution is not a real number.

Click to select and enter your answer(s) and then click Check Answer.

All parts showing Clear All Check Answer