WebAssign

MAT 10 HW 7.4 (Homework)

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MAT 10 - Mulari, Spring 2014
Instructor: Jeffrey Mulari

Current Score : 0 / 12 **Due :** Friday, May 9 2014 11:59 PM PDT

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1. –/1 points SPreCalc6 7.4.025.

Find all solutions of the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to two decimal places where appropriate.)

$$\cos\theta + 1 = 0$$

$\theta =$ rad

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2. 0/1 points | Previous Answers SPreCalc6 7.4.029.

Find all solutions of the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to two decimal places where appropriate.)

$$8\sin\theta - 1 = 0$$

$\theta =$ ✖ rad

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3. –/1 points SPreCalc6 7.4.033.

Find all solutions of the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to two decimal places where appropriate.)

$$4\cos^2\theta - 3 = 0$$

$\theta =$ rad

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4. –/1 points SPreCalc6 7.4.037.

Find all solutions of the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to two decimal places where appropriate.)

$$\sec^2 \theta - 2 = 0$$

$\theta =$ rad

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5. –/1 points SPreCalc6 7.4.039.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$(\tan^2 \theta - 4)(2 \cos \theta + 1) = 0$$

$\theta =$

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6. –/1 points SPreCalc6 7.4.041.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$4 \cos^2 \theta - 4 \cos \theta + 1 = 0$$

$\theta =$

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7. –/1 points SPreCalc6 7.4.043.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$7 \sin^2 \theta - 15 \sin \theta + 2 = 0$$

$\theta =$

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8. –/1 points SPreCalc6 7.4.045.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$2 \cos^2 \theta - 5 \cos \theta + 2 = 0$$

$\theta =$

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9. –/1 points SPreCalc6 7.4.047.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$\cos^2 \theta - \cos \theta - 20 = 0$$

$\theta =$

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10. –/1 points SPreCalc6 7.4.049.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$\sin^2 \theta = 5 \sin \theta + 6$$

$\theta =$

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11. –/1 points SPreCalc6 7.4.051.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$\cos \theta(2 \sin \theta + 1) = 0$$

$\theta =$

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12. –/1 points SPreCalc6 7.4.053.

Solve the given equation. (Enter your answers as a comma-separated list. Let k be any integer. Round terms to three decimal places where appropriate. If there is no solution, enter NO SOLUTION.)

$$\cos \theta \sin \theta - 6 \cos \theta = 0$$

$\theta =$

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