WebAssign
Hw 10 (14.2): Limits and Continuity (Homework)

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MA 261 Fall 2012, section 121, Fall 2012
Instructor: David Daniels

Current Score : 20 / 20 **Due :** Thursday, September 13 2012 11:00 PM EDT

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1. 4/4 points | Previous Answers SCalcET7 14.2.005.

Find the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{(x,\,y)\to(2,\,1)} (9x^3 - x^2y^2)$$

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2. 4/4 points | Previous Answers SCalcET7 14.2.006.

Find the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{(x,\,y)\to(-3,\,3)} e^{-xy}\cos(x + y)$$

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3. 4/4 points | Previous Answers SCalcET7 14.2.007.

Find the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{(x,\,y)\to(2,\,2)} \frac{8 - xy}{x^2 + 5y^2}$$

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4. 4/4 points | Previous Answers SCalcET7 14.2.009.

Find the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{(x,\,y)\to(0,\,0)} \frac{x^4 - 40y^2}{x^2 + 20y^2}$$

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5. 4/4 points | Previous Answers SCalcET7 14.2.014.

Find the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{(x,\,y)\to(0,\,0)} \frac{x^8 - y^8}{x^4 + y^4}$$

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