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| Name:                     | Exercise Type:<br><br><b>Quiz</b> |
| J#:                       |                                   |
| Date: <b>2017 July 06</b> |                                   |

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|--|---------------------|
| Standard: This student is able to...                       | Mark:               |
| <b>C07: DoubleInt.</b> Compute and apply double integrals. |                     |
| 3/4  | ★ reattempt due on: |

Find  $\int_1^3 \int_x^{2x} 4xy \, dy \, dx$ .

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Exercise Type:

**Quiz**

|  |                     |
|--|---------------------|
| Standard: This student is able to...                       | Mark:               |
| <b>C08: TripleInt.</b> Compute and apply triple integrals. |                     |
| 2/4  | ★ reattempt due on: |

Express  $\iiint_D (4x - 3yz) \, dV$  as a triple iterated integral, where  $D$  is the solid above the plane  $x + y + z = 4$ , below the plane  $x + y + z = 9$ , and with  $x, y$  values inside the triangle with vertices  $\langle -1, 1 \rangle$ ,  $\langle -1, -1 \rangle$ , and  $\langle 1, -1 \rangle$ . (Do not solve this integral.)