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| **Calculating relative frequencies in a contingency table** A [sample](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1xPugJ2N2Jda2fH88q19f7TRNLuq4lRRHTUac0pYuYLR2MaC3dxB30S1Yh_V8r8id1km-5y2WTU35eOTVdvv-X7xGvdbwdvvJ4wj6VAfEo655U72mxo?1uSamDTsfLmVTwyJebns7fE9qrtSC63vs5KUtPiitjW80LZJBZ378KrWy1srvJMKQya8nsVgeajIy2mxgTp6NxcUe6y7EtTH4xcCH3I8) of http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?030students at a particular university was taken. The students were classified according to their major and their gender. The results are given in the [contingency table](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/19bBAuB-1uOi1DVgusCiSGhY5-82P8us7fAiOI-rqf9s1L75v3bmvIfvzyqquYWNVPjGpULy8f0dfJc4H3aspLHNd1GUe3asgTA8GvgTnpvpfbH6y9q?1eC2AYmJmFKBGWrK05vJs4uCV56ZlxggLf192tecaU5okXqMFhjW60V-CQwyrbNypgqKo9X31xSbLSojpYWNYP6u_FZ0rTTdLxGOD65JArYay0SOD3tpb) below.

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|  | **Major** |
| Biology | Business | Engineering | Mathematics | Computer Science |
| **Gender** | Female | 19 | 35 | 23 | 15 | 26 |
| Male | 21 | 21 | 47 | 46 | 50 |

Among the male students in the sample, find the [relative frequency](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1spEWT7sHTn0H2qC3cyAXKN7b6rncpJLm3RAi7ZMvyP7HWld_EpR_7U-ZDdX3hIv1twYUBMke3tpxbEgFDBLUH_v2XF3uDBLskRbBnu8LG2axa_S4sy?1epF1YLANn_1OW6kA54AVbmpq5fTwxiH4O2PljHswXNSwd6mjIXdQv2N2GF29nvv72ZqLfhmpHQGVb869EBk6zK4YgzsVOpN-_fCngzsiQBH-vTlm4FDSXqVgkcQWik--N1cb4aGsc7c#relativeFrequency) of those who happen to major in engineering. Round your answer to at least two decimals places.  |

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